

*Your
Electric
Life*

Science for a New Age

Dr. Allen L. Larson

Your Electric Life
Science for the New Age

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Preface

Since I was a young boy, I've always tried to figure out why people do the things they do. That curiosity also applied to everything I saw in nature. I was fortunate enough to grow up in a small valley in the Black Hills of South Dakota. I spent a lot of time roaming the woods, playing, watching, and learning. I learned first hand about nature's forces, cycles, and creations.

My curiosity led to me study science and engineering. Over three different careers, my goal was always to understand how things worked. I figured it out well enough to be well respected in my field. I developed a deep appreciation for the fact that folklore is the raw material for scientific investigation.

Eventually, my interest in markets led me into new, unexplored territories. I discovered that market movements had behaviors not entirely explained by current economic theory. As I developed my own theories of market motion, I discovered another branch in the path in the woods.

That path led me to study the subtle forces in nature - forces that have moved people for thousands of years, but lacked any scientific explanation. I've always felt that common folk did their very best to report what they saw, and that it was the duty of science to refine the observations and to provide a theoretical framework to explain them.

This book is such a framework. It outlines my thinking on many topics of human behavior, caused, I think, by the earth's electric field. This framework is by necessity only a framework. Much needs to be filled in by others. Parts of the framework will prove invalid. I am sure, however, that the main parts of the framework will survive. We have not properly considered what it means to live in a strong electric field. Until we do so, many things will remain folklore and not science. But once we change our view, new understandings and avenues open. My hope is that these new concepts will foster major advances in the science of the New Age.

This book would not exist without the contributions of many people. My path has crossed many lives over many years. Each crossing has shaped my thinking, for which I thank all my fellow travelers. I especially wish to thank my wife, Nancy, who has endured many sleep interruptions, captive conversations, and joy-gloom cycles as new insights breached the threshold of my ignorance. I also want to thank Wava Buckley, my assistant, who has patiently moved this book from dictated tapes to the printed word. Finally, I wish to thank each reader, for without readers, there could be no books.

Al Larson

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In the Beginning

Hello. My name is Al Larson. I have a message for you.

I am a fellow traveler though the cosmos. I am an engineer and scientist. I am connected to the ***Cosmic Internet***. So are you. We all are. In the words of Chief Seattle, "All things are connected."

Over that network, I have received thousands of ideas, insights, and impulses.

I did not understand where they came from. They just showed up. Six of them are now recorded as United States patents. Amazingly easy to do. After the ideas popped into my head I just wrote them down. Many people think I am creative. Sometimes I am. Sometimes I'm not. I never understood that, either. Sometimes poetry has exploded into my head. Sometimes I just wrote that down, too. It's buried somewhere in a dusty file drawer. Engineers aren't poets, you know.

You may not be aware of this Cosmic Internet. At one time I was an ***unconscious incompetent***. I could not use the net. I didn't know it. I was a happy idiot. Then they sent me to school. They had me read a lot of stuff, memorize tons of junk, and learn about something mystical called ***ideas***.

Funny things, ideas. They don't seem to know what time it is. There's always the idea whose time has come. We like that one. Then there's the old-fashioned idea. It's like a rusted out old car. No one wants that one. Then there is the new idea. People like some of those. But only the ones that are like the ones they already have. If your new idea is too different, it's like a big bear. It scares people. They want to shoot it. Sometimes they want to shoot you. I learned those things, too.

With training, I grew into an ***unconscious competent***. I became a manufacturer of new ideas. I became a vendor of the new. I was into microprocessors when Intel had forty people. I could see, somehow, that this idea would be huge, even though the chips were tiny. It looked like an idea whose time had come. Some people told me I had great foresight. I didn't know where it came from. That bothered me.

But I made a good living selling my free ideas. They had a great markup. I married, raised a family, and built two careers. Funny, each lasted thirteen years. Life was sometimes hectic, but mostly good. I rode over the ebb and flow. I loved my family. They loved me. I was happy. They call this success. People told me I had my head screwed on straight. I had the right stuff. It was great.

Then a crazy idea wandered into my head. It told me to pitch this high paying job and go do my own thing. Whatever that was. This idea was strong. It kept getting stronger. It came back every time I sent it away. When my business unit hemorrhaged red ink,

their appetite for new ideas died. Downsizing. “*Recareering*”. Cutbacks. Seven years. My crazy idea pushed me over the edge. I jumped. Surely I had gone mad.

I cooked up more ideas. I paid the bills. I did my thing. I made ideas. People bought them. They gave me that money stuff. I bought food, shelter, clothing, transportation, fun, and things like that. So I kept on cooking up my stew of new ideas. If I could keep it up, I might even be rich.

Then a horrible thought wandered into my head. I didn’t know where this one came from either. But it scared me. It had dagger teeth, and cold dark eyes, and an evil grin. What if the ideas stopped? If they stopped, the money stopped. If the money stopped, the food stopped. I never cared much for hunger. I could even *die*.

That idea kept hanging around. Like a beggar on a street corner. It even looked like one. But I pushed him aside, built more ideas, kept busy, and locked him out. I didn’t need to feed him. I had ideas of my own to raise and sell. So the sun kept shining. When it didn’t, I slept well.

Then in the dark of night a new creature crept into my head. A ***nightmare***. It was about my time in Vietnam. I flew 426 combat missions there. I saw, heard, felt, and did things they didn’t tell me about in school. I did my duty well, and proudly, and never looked back. I didn’t bring home any dragons.

Yet, this creature was here, and definitely a dragon. It wasn’t one of my memories. Where did it come from? Why was it here after twenty six years? How did it crawl out of the cellar of my subconscious? What the hell was my subconscious anyway? I wasn’t even sure what my conscious mind was. Some sort of biological computer. Computers I understood.

The beast came back the next night. I sent him away. He kept coming. He wouldn’t let me sleep. I looked for my brain’s off switch. I couldn’t find it.

In ten nights, I slept only three. I was terrified. Where did this demon come from? Why now? Why me? How do I get rid of him?

I had no new ideas. They had stopped coming! My fears were being realized. No ideas. No money. No food. I cried for help.

The health care professionals were great. They were gentle and kind. They asked me a lot of questions. They classified my problem. They labeled it. Clinical depression. Post traumatic stress syndrome. They gave me pills. That would send the dragon away. Neat. Simple.

My therapist was great. She listened. She told me I wasn’t crazy. My wife, my soulmate, was great. She listened. She told me I wasn’t crazy. But all I had were

questions. My therapist gave me books to read. Lots of mumbo-jumbo about internal conflict, belief systems, post traumatic stress disorders, working oneself to death, twelve steps, getting over depression, and all that stuff. I was back in school.

I bought other books without a clue as to why. More words. More stuff I didn't understand. What was going on? The dragon was gone. At least for now. But my brain wasn't fixed. I knew that.

Whatever I had learned the first time wasn't enough. A Ph.D. and two careers of experience wasn't enough. I had to learn more. I read. I read more. I devoured books. I pondered.

The dragon was something called a dream. I read about Native Americans and their dreams. I grew up in Sioux country. I got a dream catcher. I still did not understand. I still felt the terror of the unexplained.

I asked my doctor where dreams came from. He said he didn't know. I asked him if they would go away. He said sometimes they did, sometimes they didn't. I asked him if the medicine helped. He said sometimes it did, sometimes it didn't. I asked him if I could get off the medicine. He said maybe I could, maybe I couldn't.

Not exactly engineering precision.

Then it hit me. He didn't have any better idea of what was going on than I did. We were both ***unconscious competents***. I made ideas in my head. But I had only a vague notion of how. He fixed broken brains. But he had only a vague notion of how.

Oh, my God!

I 'm going to die.

I'm hit.

My brain is broken.

It can't be fixed.

I'm going down in flames.

I don't even know why.

This is no way to die.

Better to just be struck by lightning.

Lightning and Illumination

Lightning did strike me. ***Twice***. Once about a month after I crashed. Then about six months later. The first bolt was on Mt. Washburn in Yellowstone National Park where my soulmate and I were nearly struck by lightning. We were saved by a little girl's prayers. Then, I did not understand this religious experience. Now I do.

The second bolt was one of scientific insight. I figured out what that dream demon was. Understanding slew the dragon. It was a magnetic message carried into my brain's neural nets over the Cosmic Internet. The earth's electric field, directed by the motions of the earth, moon, and planets, connected me to Vietnam. The magnetic earth's crust in Vietnam, like a huge floppy disk, had earlier recorded my thoughts and feelings. I left those magnetic footprints in 1969. In 1994, at the correct time, the planetary system moved lines of flux to pass through those footprints and through me in Denver. Like the read head on my floppy disk drive, my brain's neural nets read the data. I understand how neural nets work. Now I understand why I had those dreams.

My nets were free. I had told them to take the rest of the evening off. They didn't do as I said. Just like kids and dogs and cats. Independent. They kept working. They set to work trying to recognize the incoming data. That's what our nets do. Constantly. Always.

They look at data. They do a well understood computation using electrical voltages to represent the data. They add, subtract, multiply, and divide these voltages to generate a voltage that says, "I match this pattern." When the match is good, a strong positive voltage is generated. I call this the "recognition voltage." When the pattern does not match the net's preprogrammed pattern, a negative voltage is generated. It is called an error signal.

We program the nets by repeatedly feeding them a pattern until they learn to recognize it. Just like telling a child or a pet something until they "get it." When they recognize much of a pattern, they can "predict" the rest of it. They can see into the future.

Wow. Nostradamus in our heads!

Nostradamus, who lived in France in the 1500's, predicted the future with amazing accuracy, including Adolph Hitler and the Holocaust [CHE]. He knew something! I now know how Nostradamus could see into the future. Precisely. He understood the system and how it worked!

The message I have for you is this:

I have discovered how the system works. It's amazingly simple and very useful. I have discovered the nature of the mysterious forces behind life on our planet, The Greater Mysteries, and the Unseen. I can explain the Cosmic Internet, how it works, how you are connected to it, and how you can use it.

You can use it with engineering precision. You can optimize the use of it - scientifically.

This knowledge has Cosmic power. It can set the world free of tyranny. I fought for that in Vietnam. Tyranny won that one. I now have a brand new weapon. ***I want to give it to every person on earth.*** The pen is mightier than the sword.

This power is ***awesome***. It makes the atomic bomb look puny. It can destroy the earth and all that is on it. Or it can beam us into the third millennium, the fabled "Age of Aquarius." It is our choice. The secret of making the right choice is getting this message to all the beings on the globe. Then no one can use the power over others. We the people of planet earth can overcome tyranny.

My part is to deliver the message. I shall explain how things work as clearly, simply, and correctly as I can. Your job is to learn to use this knowledge, apply it wisely, and save the earth for our children. You can do it. You must. Your internal peace is at stake. World peace is at stake.

My favorite TV program is "Unsolved Mysteries." That's because I love a great mystery. Scientists are detectives. We look for clues. We try to figure out what happened. We use logical thinking. If this, then that. The trail leads to a suspect. They committed the crime. If we can make the connection, we can discover who did it, how they did it, and why. We even let the criminal off easy if there is no reason why. ***Insanity***. Great defense. Sherlock Holmes. Agatha Christy!

If you've ever solved a mystery before the TV show revealed the solution, you already know how to be a scientist. You just don't know that you know. So you are ***an unconscious competent***. Me, I'm a ***conscious competent***. I studied scientific methods for years. I got diplomas. Tickets. Anointments.. Keys to locked doors. I was approved by the powers in control. They blessed me, labeled me, and sent me out into the world. I worked as a professional. That means for money. Amateurs work for love. Love has the greater power.

That blessing by the powers and my sheepskin got me from one castle to another. Like a medieval knight, I could gain entrance by presenting my coat-of-arms, my degree. Once inside, of course, I had to please the king. It's the same way now. Its just that the castles are companies, governments, hierarchies. The kings are bosses. I know. I was one.

The king also had his magician, his Merlin. The king liked the knight because he brought him great physical power. He could slay any dragon, at least any physical

dragon. But when the king wanted to slay a mental dragon, or invade the mental kingdom of his chosen enemy, he called on his magician. He could tap the powers of the Cosmos. He could turn the wrath of nature on someone. **Witchcraft.**

Witchcraft is still practiced around the globe today. I have personally seen the awesome power of witchcraft. I saw a kindred spirit killed by a witch. A good, decent man. Sad. This happened in 1994. The power is there. Sometimes it works. Sometimes it doesn't. Just like my medicine.

God help us all if the forces of evil become conscious competents!

There were also monasteries and churches. **Monks. Priests. Saints.** They tried to use this power for good. Many miracles were done. History records them accurately, around the globe. Many still happen. Around the globe, weekly, millions flock to tap into this power. Some times it works. Sometimes it doesn't. Just like my medicine.

Both these hierarchies fell victim to ignorance. They were unconscious incompetents. They knew how to use the Cosmic power, but they did not know how it worked. Same as my doctor. Same as me and my nightmare.

So my first task is to convert you from an **unconscious competent**, to a **conscious competent**. Don't worry. I have that power. I know how these things work. Soon, you will, too. When we are done, you will know how to answer most, if not all, of the "Why?" Questions. You know, the ones your kids ask. The ones your parents couldn't answer. At our house, those are "Amy questions." **They do have answers.**

Questions we can answer-**scientifically.**

How did a little girl's prayer's save my life? Where do dreams come from? What is a thought? What is love? How does dowsing work? What are ghosts? Where do memories of past lives come from? What is **deja vu**? What is a religious experience? What is love at first sight? Why did I suddenly think of that? Why were you thinking of me just before I called? Why wouldn't that tree grow until I moved it over two feet? How does the laying on of hands heal? Why do great minds think alike?

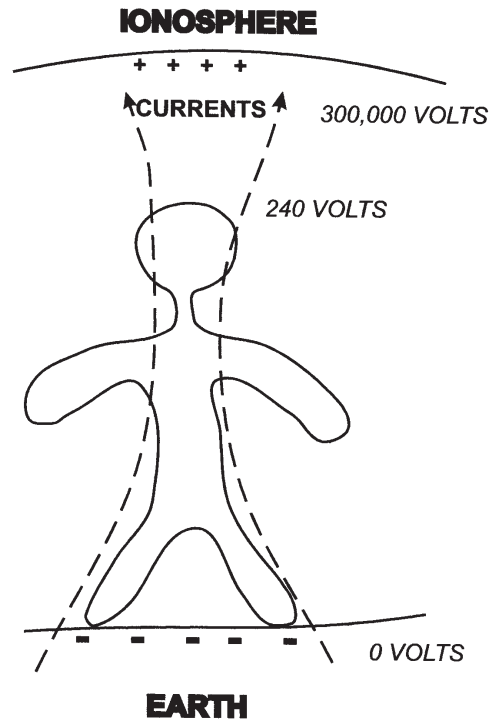
Why do scientific inventions occur simultaneously at two different places on the globe? How can someone read someone else's mind? Why does astrology sometimes work, sometimes not? Why do spouses finish the other's sentence? Why do we climb mountains? Why does walking barefoot on the grass feel so good? Why do we say, "What goes around, comes around?" What is a belief?

How can we heal better? Why do we get sick? What is disease? What is freedom? How do can we discover what is right for us? How can we live a better life? How can we make this a better world? And more.

A Bright Light

One single, solid, scientific fact can explain the mysteries of life. This one scientific fact can explain the human aura, human emotions, the rise and fall of nations, the widespread practice of religion, natural healing, radionics, dowsing, astrology, haunted houses, and much, much more. It can explain New Age crystals, deja vu, UFO sightings, telepathy, clairvoyance, remote viewing, and most paranormal phenomenon. So what is this single, scientific fact?

That one fact is the earth's electric field. All living creatures on earth stand in an electric field. Everything we do is done within this electric field. This electric field is created by the voltage on our ionosphere. That voltage is in the neighborhood of 300,000 volts. This is the voltage at the ionosphere. At the surface of earth, the voltage is zero. Between the earth and the ionosphere the voltage increases progressively.



At the top of your head the voltage is approximately 240 to 250 volts [GIA]. That's a pretty substantial voltage. It is the same voltage as is applied across modern oven elements used for baking. Fortunately for you, this is not a high current source. Otherwise you would be fried quickly.

Voltages are the pressure that creates flow of electric currents. The voltage of a flashlight battery is the pressure that creates the current that flows through the flashlight bulb to create light. How much current flows depends upon the resistance in the circuit.

The less resistance, the more current. Think of this as water flowing out of a garden hose. If the hose is straight, the water flows freely. That is a high current. If the hose gets a kink, it has more resistance to the flow and the water may not flow as fast, or may even stop.

The electric field voltage at the top of your head creates a current flow through you body. The current flows through your feet, upwards through your body and out the top of your head. The resistance of your body is approximately one million ohms. This leads to a calculated current flow through your body of about .25 amperes. One ampere is the current drawn by a 100 watt light bulb. So this .25 ampere current is relatively small.

However, this current is much greater than your biological currents. Dr. Robert Becker, in the landmark book, ***The Body Electric*** [BEC2], relates his discovery that currents as small as one nanoampere can regenerate the growth of tissue in the human body. One nanoampere is one trillionth of an ampere. It is very tiny indeed.

If the current through your body due to the earth's electric field is expressed in nanoamperes, rather than amperes, it would be 250,000 nanoamperes. That means that the external currents are 250,000 times as strong as the currents that run the bioelectric circuits in your body.

This is an astounding fact. It means that our bodies are extremely sensitive to changes in the earth's electric field. If we assume that our brain can detect current changes as small as one nanoampere, it means our brain can detect very small changes in the earth's electric field. This is important because it is a solid, scientific fact that the voltage on our ionosphere can change as much as 25 per cent in a few hours. This happens when the energy of a large solar flare hits the earth.

It is the flow of ionized particles off of the sun that creates our ionosphere. This is the source of the electric charges. The sun emits immense amounts of energy. Some of that energy comes to us directly as sunlight, which is visible light. Some of it comes to us as heat, which infrared energy. These are forms of direct radiation. We also receive x-rays from the sun.

The sun also sends us a stream of ionized particles. These particles are carried away from the sun on the solar wind. The solar wind moves at 180,000 miles per hour. As these charged particles approach the earth, they act like water coming out of a fire hydrant. They blast the earth with charged particles. Were it not for our electromagnetic field, this blast of charged particles would strip our atmosphere away from earth. Scientists believe that that once happened to the planet Mars.

Fortunately for us, our electromagnetic field forms a shield to these particles. It redirects their flow around the earth. The charged particles follow the magnetic lines of

flux. Over the equator, these magnetic lines of flux direct the charged particles toward our north and south poles. This redirection causes the formation of the ionosphere.

This layer of charged particles creates the 300,000 volts of the ionosphere, at an altitude of 80 kilometers on the sunlit side of the earth and 320 kilometers on the dark side. As the charged particles flow past the north and south poles, they penetrate into our ionosphere, creating the phenomenon known as Aurora Borealis. These northern or southern lights are the gases in our atmosphere glowing just like the gases in a fluorescent light. These huge current flows during one session of northern or southern lights generate more electricity than all the electricity generated by mankind in the history of the earth. These lights are so powerful that they even have been photographed from space.

So our tiny, very sensitive bodies live in an immense sea of electricity. This is not a calm sea. It has tides, and waves, and currents, just like our oceans. Like the air in our atmosphere, this electric field flows and swirls and shifts constantly. This causes the electric current flowing through our bodies to be constantly changing.

We feel these changing currents as emotions. True, some of our emotions are internally generated, but many of them are simply caused by external current flows. Our normal healthy, happy condition results when the currents flow positively from our feet upward through our bodies and out through our heads. This is the normal flow of current from the ground to the ionosphere.

However, currents flow in loops. They need a return path. The return path for currents is provided by thunderstorms. At any given moment, there are 300 to 3,000 thunderstorms occurring on the earth. These storms cause immense currents to flow from the ionosphere to the earth, completing the return pattern.

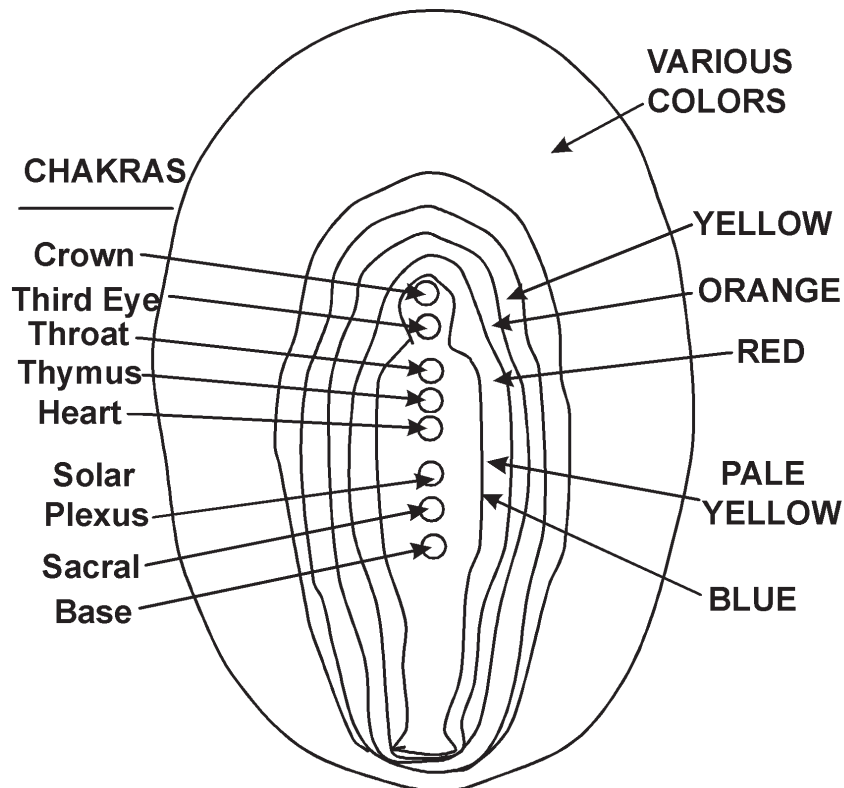
These are the strong currents that create the awesome power of lightning. Having been extremely close to two lightning strikes, I am acutely aware of the immense energy in a single lightning bolt. One feels it as an immense, frightening, draining current. After the event one feels like they have just had a violent heated argument with their best friend. So our tiny, sensitive, frail bodies are constantly subjected to powerful, sweeping, violent surges of electricity and we have no surge protectors.

This electric sea of the earth's electric field reveals itself in many observable phenomenon. Man has known that "there was something out there." He has called it ki, chi, the life force, orgone energy, the great spirit, the devil, God, and many other names. But, it is simply, purely, exactly the earth's electric field. When it is taken into account many unexplained, unsolved mysteries vanish under the bright light of science.

Crossing The Bridge To The New Age

As the earth's electric currents flow through the human body, they create the human energy field. The human aura has been observed by millions of people over the eons. Under the proper lighting conditions, it can be seen by practically everyone. James Redfield in the *Celestine Prophecy* [RED] gives a good description on how to see the human aura.

In dim lighting conditions such as the twilight near sunrise or sunset, one stares with an unfocused gaze past the human body. What one will see are little ripples in the refraction of light. These look like the heat waves coming off of a hot tin roof. For some people these waves take on colors. I believe that this is due to the eye and the brain of the viewer transforming these ripples into a visual color sensation. Recently equipment has been developed that allows the video taping and the photographing of the human aura. These tools are frequently seen at New Age conventions. In the New Age, they will become serious scientific instruments.



THE HUMAN AURA

The human aura is shown in this figure. It is caused by the waves of electricity leaking out of the human body as the electric currents pass through it. The aura is particularly strong and seems to radiate from eight points on the body called chakras [RIC] [GIM]. These are nodes in the electric field pattern around the human being.

There is a great deal of literature giving guidance on how one can see the human aura [RED] [GIM] [SAN]. The aura is visible through special properties of the eye. Somehow when the eye is properly defocused the peripheral vision of the eye picks up the pattern of the electrical waves and creates a light sensation in the optic nerves. This gives some people the ability to see the human aura in bright living color. The colors shown in the figure were those measured and discovered by W. Guyon Richards.

I have developed my own simple technique which allows practically everyone to see their aura. First one sits on a chair at a table. Even in a well-lit room the table will have a dim shadow under it. Spread your legs placing your feet about two feet apart. Rest your forearms on your thighs extending your hands with palms facing each other between your legs. Cup your hands with the fingers apart as if catching a ball. Hold your hands with the fingertips approximately one inch apart. Now slowly draw your fingertips three or four inches apart. Then move them back to one inch apart. Repeat this in/out pattern. You should feel the tingle of the electric field in your fingertips. Now gaze at the floor at a spot between your feet. Continue pulsing your hands in and out. Notice the dark areas between the fingertips with the lighter areas in the spaces. Congratulations! You have just seen the human aura. It is not something mystical or magical. It is the electric field around your body.



The colors in the human aura have distinct meanings. Dr. Valerie Hunt, Professor Emeritus of UCLA Medical Study Center, has studied the human energy field intensely. She made the first scientific measurements of the electric signals of the human energy field. Using a modified EEG, she recorded the electrical signals of the human body. These normally record the heartbeats as a series of rising and falling waves. In a normal EEG the voltage trace is smooth. It is smooth because what was considered noise was filtered out. The modification used by Dr. Hunt removed the filtering. She studied this “noise” carefully. She discovered that it was not noise at all. Noise is a random, static sort of thing. It has no pattern or meaning. What Dr. Hunt discovered was that there were a number of distinct patterns in this “noise.”

She discovered that each of these distinct signals was related to the mental state of the individual being measured. She measured people who were angry, happy, in a state of flow, performing dance, meditating, and many more. She discovered that each of these states created a distinct pattern in the electric signals.

As people were able to change their mental states, they could change their patterns. What they were doing, of course, was adding the electric signals from their brain activity to the external currents flowing through their body. These signals were then recorded by Dr. Hunt’s apparatus.

Dr. Hunt enlisted the aid of several psychic aura readers. With their services she was able to relate each of the patterns she had found to a specific color in the human aura. Her experiments were done carefully, thoroughly, and solidly. They represent another stage in scientific achievement.

Dr. Hunt also conducted an experiment which related this human energy field to the earth’s electric and electromagnetic field. This experiment using the Mu room in the physics department at UCLA. This is a specially shielded room in which the electromagnetic fields of the earth can be canceled out and artificial fields applied. Dr. Hunt wanted to learn how external fields affected the human energy field. She placed human subjects in the MU room. The findings were amazing.

When the electric field in the room was turned off, people had a great deal of trouble standing up or maintaining balance. Sensory feedback was so impaired subjects were totally unaware of the location of their bodies in space. Aura readers reported that the aura fields had collapsed into the people’s bodies. The aura fields became randomly disorganized and incoherent. When the electric field in the room was returned to normal, the human energy fields returned to normal.

When the electric field was increased to a higher level, subject’s thinking became clearer and they reported an expansion of their consciousness.

When the electromagnetic field (both electrical and magnetic) was removed, the subjects burst into tears and sobbed. Although they reported they were not sad, their bodies responded as if they were in grave danger. They were overwhelmed.

When the electric field was maintained but the magnetic field was decreased, subjects could not balance their bodies. They had difficulty touching their fingers to their nose. But when the magnetic field was increased above normal, subjects could balance easily and lean to previously impossible angles without falling.

These experiments clearly indicate that the human body needs the flow of electricity from the ground to the ionosphere to operate normally. That flow of electricity vitalizes our bodies. It is a constant source of energy. If the energy flow is disrupted, we lose our healthy state of being. If the energy flows through the body become unbalanced, we develop diseases. We shall return to this topic of the current flows and health in a later chapter.

Before doing that, let us proceed to the topic of dowsing. Dowsing has been known on the planet for centuries. Using twigs, clothes hangers, or chains, certain individuals have the ability to detect water. This is easily explainable in light of the earth's electric field. As anyone who has touched an appliance with wet hands knows, water conducts electricity. Water in the ground acts as a low resistance wire. That means the electrical currents will be stronger through the water. Water acts as a current "sink." It acts as if it were the negative end of a battery.

It is the water in the earth's surface which makes it the negative end of the earth-ionosphere "battery." When dowsers walk along the earth with their twig, coat hanger, or chain held out in front of them, they are permitting a current flow upwards through their bodies, out through their arms, and downward through the twig, coat hanger, or chain. As they move along the earth, their biocircuits detect the minute changes in the electrical current flow around this loop. When they encounter water, the current flow increases because the water has less resistance. The kinked hose has suddenly been unkinked. The dowser has found the water.

The art of dowsing has been advanced into a science by Mr. Owen Lehto. Owen lives in the state of Washington. He is elderly now, having been born May 13, 1908. In 1935 he earned a Bachelor's Degree in Horticultural Science at Washington State University. Whatever else Owen learned during his college studies, he learned one thing well. He learned the scientific method. He learned to notice, notice, notice.

While farming near Monroe, Washington, Mr. Lehto acquired two calves. One day he decided to take them out to the field to graze. Using a metal chain, he staked the first calf to a small knoll where it began to eat contentedly. He took the second calf to a lower spot of ground and staked it down. Instead of eating, the calf began to run around in circles and jerk and jump until it pulled the stake loose. It then ran up to where the other calf was and began grazing.

Curious, Mr. Lehto went to investigate. Here is what he found:

"I reached down and touched the ground, feeling an electrical vibration go from my body into the soil. When I put both hands in contact with the ground, I instantly felt a very strong current leave my body, which made it difficult for me to breathe. I felt a weakness around my heart. I quickly rose and walked to the top of the knoll, where I sat down and felt vibrations flowing from the ground into my body. This current was relaxing and gave me a good feeling. Now I could see why the calf had made such a fuss.

I had to find out why there was such a difference in these two areas. Going down to the lower areas of the pasture, I stood so my right arm hung like a plumb bob, and held my left arm with the palm facing downward. It then acted like an antenna. All at once my right hand started to swing in a rapid counterclockwise direction. After a while it stopped and began to go back and forth.

I wondered what would happen if one would stand up on the knoll where the calves were eating. Standing there the same way, the right arm swung clockwise for a while and then back and forth. Repeating these positions numerous times, the results were the same. The arm swung clockwise on the knoll and counterclockwise at the lower area."

Next Mr. Lehto discovered that over running water his arm swung counterclockwise, while over solid ground it swung clockwise. Then he noticed that when the weather was stormy, the winds moved counterclockwise, which he associated with negative. When the weather cleared up the air motion was clockwise or positive. From this rudimentary understanding of positive and negative energy flows, Mr. Lehto progressed over many years to a clear understanding of energy flows.

He simplified his measurement techniques by using a simple metal chain rather than his right arm. He discovered that when he was measuring the energy in an object, which he sensed with his left hand, he could count the number of rotations made by the chain until it stopped. He found that when he measured energy this way that the number of rotations tended to be the same.

Realizing that he had some sort of an energy meter, he embarked on a number of experiments to determine what it was that he was measuring. In one experiment, he measured the negative energy in his well. He found that he could measure this negative energy remotely through a copper wire. This convinced him that the energy he was measuring was electrical.

Mr. Lehto's advancement, then, was to develop the dowsing chain into a general purpose energy measuring system. By his discovery that the energy had both a polarity and a quantity which could be measured by the number of turns it made before it stopped, he had developed an effective energy meter.

I have verified that this energy meter works consistently. I have verified that Owen's chain measures electrical charge. This was done by charging an electrical capacitor to a certain voltage. This stores a specific electrical charge in the capacitor. When the capacitor is discharged through the left hand, the metal chain produces a count that is directly proportional to the electrical charge in the capacitor. One chain count equals 10×10^{-6} (ten trillionths) coulombs of charge. So the chain's counts are charge measurements - we will call them Energy Units, or EU's.

This verifies that the chain is measuring electrical charge. That charge flows through the dowser's body from left hand to the right hand. In passing through the body, it is amplified to give a current that is strong enough to turn the chain into an electrostatic motor.

When the current flows along the path, it creates an electromagnetic wave. Electromagnetic waves are known to rotate as they travel. It is the rotation of these electromagnetic waves which is sweeping the chain around its circle.

I have found that a chain will rotate 1.75 times per second if it is very short. A long chain will rotate more slowly, having more drag due to its increased weight. Later this low frequency of 1.75 Hertz will be related to other frequencies in our electric sea.

Some have attempted to explain the movement of a dowser's twig or coat hanger or the rotation of a chain as some form of mechanical motion by the person. This is easily disproved by holding the chain with the hand covered with a vinyl glove. The chain simply will not rotate. No amount of mechanical vibration by the dowser will make it do its job.

It is all electrical. It is purely and simply an electric field at work.

Not everyone can use the chain successfully. It is estimated that about 60 percent of the population can use a dowsing chain effectively. This is based upon a piece of information from a related field of radionics.

Radionics is the practice of diagnosing illnesses in the human body using a radionic "tuner" and a human operator. The field was founded in the US by Dr. Abrams. During the diagnosis the subject is connected to the tuner through a wire. The operator sets dials on the tuner to select particular electrical frequencies. The operator then detects the signal by rubbing their finger over a small detector plate covered with a rubber membrane. When the operator senses that the finger does not move freely over a point on the membrane, they have detected a signal. The tuner dial settings determine the frequency of the signal being detected, just like a radio.

Radionics equipment is like the old fashioned crystal set radio, which consisted of a tuning coil, a capacitor, and a crystal detector. In this case the radionics operator is acting as the crystal. One manufacture of radionics equipment in England, De la Warr,

would only sell the equipment to people who could prove that they could operate it effectively. Their records show that 6 out of 10 potential purchasers could operate the equipment acceptably and 3 out of 10 were extremely good at it. I suspect that the same is true of the dowsing chain.

Dowsing chains are very common in New Age. You will find them with crystals attached to the end. These crystals have a benefit and a drawback. The drawback is that the weight of the crystal makes the chain much less sensitive than a simple metal chain. By comparing a chain with a crystal on it with Owen Lehto's simple metal chain, I have found that the simple metal chain is approximately 20 times more sensitive.

The advantage of the crystal on the chain is that it performs the energy amplification function done by a talented dowser. This means many more people than the 60 percent can use a crystal on the end of a chain to detect current flows.

My assistant could not use the dowsing chain. Eventually, we discovered that this was due to the fact that a section of her collarbone had been removed after an accident. This apparently interfered with her inborn ability to properly amplify the currents through her. However, she can effectively use a crystal on a chain and routinely makes measurements which I have verified.

I have verified that an electrical meter connected between his left hand and his right hand will make the same measurements as a dowsing chain. The meter measures a positive or negative voltage of up to 100 millivolts. The voltage polarity corresponds with the direction of chain rotation. So the chain acts as a sensitive voltmeter, weaving the flow of current from hand to hand. It is expected that as our knowledge of how this apparatus works, we will be able to remove the human from the circuit. The solution to this, probably, will depend upon the use of some form of crystal along with an electrical meter and perhaps some tuning device as used in radionics.

There is no reason why such an electrical meter to measure "the human energy field" cannot be developed. The author's efforts in this direction have been promising but have been waylaid by the constraints of time and other duties.

Those who can use a simple dowsing chain have a tool to measure everything that is going on in the electric sea swirling about them. The flows of electrical energy can be measured simply, quickly, effectively. Owen's chain is a scientific advancement that is transitioning us from the Old Age to the New Age. The work of Dr. Hunt and Owen Lehto has given us insights and tools to cross the bridge from the Old Age to the New Age.

Whether we use sophisticated laboratory equipment, such as used by Dr. Hunt, or the simple chain used by Owen Lehto, we can measure and study the flow of energy through us and about us. Once we regard this sea of energy as a simple scientific fact and study it with calm scientific deliberation, we will remove the curtain of darkness and

cloak of ignorance that has labeled New Age as “...just so much garbage.” It is not at all garbage. ***It is simply something we did not understand. That wall of ignorance will crumple in the New Age.***

Your Electric Environment

The environment immediately around you has a profound effect upon you. This is because it shapes, directs, reflects, diminishes, and intensifies the electric field and the waves within it that affect you. For health, happiness, and peace of mind one needs to take careful scientific account of his environment. With the tools of science in the New Age, we can adjust our environments to be far better than they ever were before.

To adjust our environment we must be aware of several things. First of all we need to understand that life forms on earth are healthy and grow when the current flow is from the earth to the ionosphere. Seeds planted in the earth grow upward along this current flow. As the current flows upward it tends to develop branches. The strength of the flow, of course, affects the growth of the vegetation. The strength of the flow is related to the voltage of the ionosphere.

It is no accident that our earth has a belt of vegetation near the equator where the rains are heavy because of high currents and where the incoming ions constantly impact our electromagnetic shield with their greatest intensity. This increased voltage is what causes our rain forests. The voltage causes large current flows. These large current flows create the ions that form the nuclei of raindrops. So wherever we have strong current flows on earth, we have vegetation growing.

Humans, of course, can feel this increased energy flow in an area of vegetation. It is not accidental that people enjoy old forests. James Redfield in ***The Celestine Prophecy*** relates the experience of finding increased energy in old forests [RED]. Of course, the older the forest, the more trees it has acting as conductors for the current flowing upward. The larger the tree, the greater the current flow. As humans we can feel the current flowing upward through the trees.

Many have discovered the joy of hugging a tree. When one wraps their arms around a tree trunk, they are creating a coil around a vertical flow of electricity. Coils are used in electronics to transfer current flows in devices called “transformers.” This is based upon the fact that as an electric current flows along a conductor it creates a magnetic field circulating about the wire. The direction of the magnetic field is determined by the “right hand rule.” If one grasps a conductor with their right hand, the thumb going in the direction of “conventional current,” the fingers will curl and point in the direction of rotation of the magnetic field.

Conventional currents flow opposite to the flow of electrons. The currents we are speaking of are electron currents flowing from the earth to the ionosphere. This means that those electron currents create a conventional current which would be flowing downward. If one grabs that downward current with their right hand, one’s curling fingers will point to the direction of the rotating magnetic field. This direction will then be

clockwise. That is exactly what Owen Lehto found. It is this rotating magnetic field that is dragging the chain with it. Owen's chain is thus a simple electric motor.

When we walk up to a tree and wrap our arms around it, we are placing our arms in the tree's magnetic field's circulating path. We know from the physics of electricity that this then induces an electric current in our arms. That current then will flow and add energy to our body. So it is not mysterious that people have found hugging trees to be a positive experience. It is simply a technique for trapping some of the energy flowing in the electric sea about us.

Walking barefoot in the grass is similarly a way of tapping positive current flow. Bare feet on the ground make a lower resistance contact with the earth-ionosphere currents, increasing them. We feel that increased current as a positive emotion. It is interesting to note that Samurai warriors would not wear foot gear. Native Americans wore very thin moccasins, but will not wear the modern rubber sole athletic shoe. Their claim is that the rubber interferes with what they feel coming from the earth. This all makes a great deal of sense as long as one recognizes that we live in this electric sea.

Of course, the electric field is not uniform or constant. The conductivity of rocks in the soil and the amount of moisture, as well as the shapes that the field encounters, will make the field more intense and less intense. The ancient Chinese practice of Feng Shui, the art of placement, finds points on the earth where trees will grow, where furniture should be placed, where houses should be built, etc. - places that are harmonious. The various techniques used to do this are all means of measuring energy.

I had a personal experience with this in my own back yard. After moving to a new home, I planted four trees. Three grew but one died. The dead one was replaced. The replacement died. Determined, I bought a third tree, but this time moved the hole for the tree two feet to the left. That tree is now one of the largest in the neighborhood. The only thing that was different was the location of the hole. Apparently in the original location, something was blocking the current flow. Remember my back yard. We'll discuss it more later.

Electrical engineers know a great deal about how current flows around shapes. We call those shapes antennas. Your TV antenna has a special shape to it. A TV antenna consists, usually, of a metal bar with several metal bars that cross it at a right angle. These bars are metal because metal conducts electricity well. These bars are cut to a specific length in order to tune into a particular range of electrical signals. For a TV antenna, those lengths are determined by the frequencies upon which the stations transmit. Each of the bars crossing the main bar, which is called the boom, picks up electrical signals. As it picks up those waves, a current flows along the bar, creating a magnetic field circulating around it. The bars are carefully spaced so that the magnetic fields add together. This spacing, again, is determined by the frequencies of the transmitting stations that the antenna is designed to receive.

This arrangement of metal actually increases or amplifies the electrical signal being received. This amplification is done WITHOUT using any power or electronics. Shapes do amplify electrical signals. This amplification is done before the signal ever leaves the antenna to travel down the feed line to the TV set.

All shapes in our electric sea similarly tune into and amplify electrical waves. It has been a common practice of humans to wear jewelry. By experience it has been found that certain shapes of jewelry are more pleasing. This pleasure is not entirely a subjective thing. Certain shapes pick up energy from the electric sea swirling about us and amplify it more than others. We sense these positive currents and “like” that piece of jewelry.

My wife has a particular pin that gets rave reviews every time she wears it. It is a metal brooch in the form of a spiral. That spiral conducts current from the electromagnetic field, and with its shape, amplifies it. I have measured the energy given off by this brooch as +800 EU's. That is a very high number. It is higher than any other pin she wears.



So every inanimate object about us shapes our electric field and can absorb and re-radiate energy as it amplifies it. We know from the physics of electromagnetic waves that the regenerated waves die out fairly quickly as one moves away from the object. Technically, the strength decreases as one over the square root of the distance. So

proximity to the objects, as well as their shape, determines how much energy we receive from them.

We decorate our homes with furniture and objects of art. Whether they be metal or china or crystal or wood or cloth, each of these objects interacts with the electric sea about us to tune into certain frequencies of energy, amplify it, and re-radiate it towards us.

Of course, our own body also acts as an antenna. As we sit, stand, and lay down, we reshape our “body antenna” to couple into different energies in different ways. Consider the meditation position of sitting with one’s legs crossed, with an erect back, and with ones thumb and index finger forming a small circle over each kneecap. This position brings the entire body closer to the earth, lowering the voltage on the head. This lower voltage is more conducive to a relaxed but not sleepy condition. The body, upper leg, and arms form two current loops, which couple into earth currents. The crossed legs form a coil “hugging” electric currents going vertically through the body. This position, then, lowers the voltage but increases the current flow through the body as compared to standing. It is ideal for creating a positive state of “higher consciousness.”

The practice of meditation has existed on the earth for thousands of years. It is highly refined in many cultures, including that of Tibet. In addition to assuming the traditional meditation pose, the Tibetan monks are known to meditate under or beside a large copper plate. This copper plate, again, is a natural antenna collecting, tuning, amplifying, and re-radiating energy from the earth’s electric field. Mandallas, or special graphical patterns used to enhance meditation, are also forms of energy antennas. Reportedly, the most effective ones are those etched in copper. Logical.

Consider next the universal practice of hugging another human in greeting. Quicker and more effective than the spoken word, this action couples the currents flowing through the two bodies together. These customs are not arbitrary. They have been dictated by the heuristic understanding of the earth’s electric field and its effect on us. No alien spaceship roamed the globe to teach people to hug. Each culture discovered this means of collecting current on their own.

Another form of greeting is the military salute. As two people approach, one hand is snapped to the forehead, forming a tight coupling loop. That quickly increases the current flowing through that body, thereby increasing the electric field surrounding that person and coupling to the other. The same thing happens when the salute is returned. So at a subtle level, the exchange of salutes brings a surge of positive electrical current through both participants.

Similarly, hands raised in blessings are redirecting current flow towards the recipient. The Catholic sign of the cross is a way of manipulating the energy field in a religious setting. Various other practices, such as joining hands during prayer, all work to increase the energy flow during the religious ceremony.

The training of professional warriors has long used precise body positioning as a tool of training. It is my opinion that the true intent of this has been lost through the ages. However, it is still retained in the training of a Samurai warrior. A Samurai warrior spends many years in training. As part of that training, they practice with a metal sword making precise 90 degree turns, making precise swings of the sword. Over a period of time this will sensitize them to changes in the electric field. With 90 degrees turns they are aligning with the electromagnetic field pointing to the poles. That will tune them into the electric field. So the practice, practice, practice, makes a Samurai warrior a very sensitive electromagnetic receiver.

The graduation test of a Samurai warrior uses this conditioning. The candidate sits blindfolded on the floor. The master stands behind the candidate with a sword, poised to chop the candidate in half. The candidate is to sense when the master starts the sword swing and move out of the way. If the candidate moves before the master actually starts the swing, they flunk. If they don't move, they could be killed. What the candidate senses is the shifting electric field as the master starts his swing. The warriors are utilizing the electric sea that swirls about us.

Our TV antenna uses the phenomenon of resonance and the phenomenon of harmonic energy addition to amplify its signals. We heuristically use these principles when we arrange our environment. As humans, we respond to a wide range of energies, including sound. When we clap our hands we produce a rhythmic sound. We also create electrical current surges through our body. As the current is flowing vertically through our body, it is creating a magnetic field circulating around our body. When we grasp our two hands together in front of us, we couple tightly to the magnetic field, thereby increasing the current.

When we clap our hands, we increase the current, break it, increase it, and break it. This sets up waves of current that can add to the previous wave which has not yet died out. This rhythmic addition of the energies leads to resonance. When we clap and sing and arrange ourselves in a circle, we transfer energy through our bodies, through our electric fields, and through sound from one to another. As the energy flows around the circle, it is amplified higher and higher and higher.

I have measured the energy flowing in such situations with Owen's chain. It makes the chain spin extremely fast at a level almost too high to count. The estimated value is over 1800. This is extremely high.

Similarly, the ancient practice of marching, which evolved independently at many locations on earth, is a way of rhythmically connecting to the energy of the earth, breaking the connection, launching one energy wave, then reconnecting, launching a supporting wave. This was obviously adopted by armies worldwide as a means to draw energy from the earth itself to support long marches. The commanders did not know why it worked, but they knew it did. Now with the light of science we understand that this

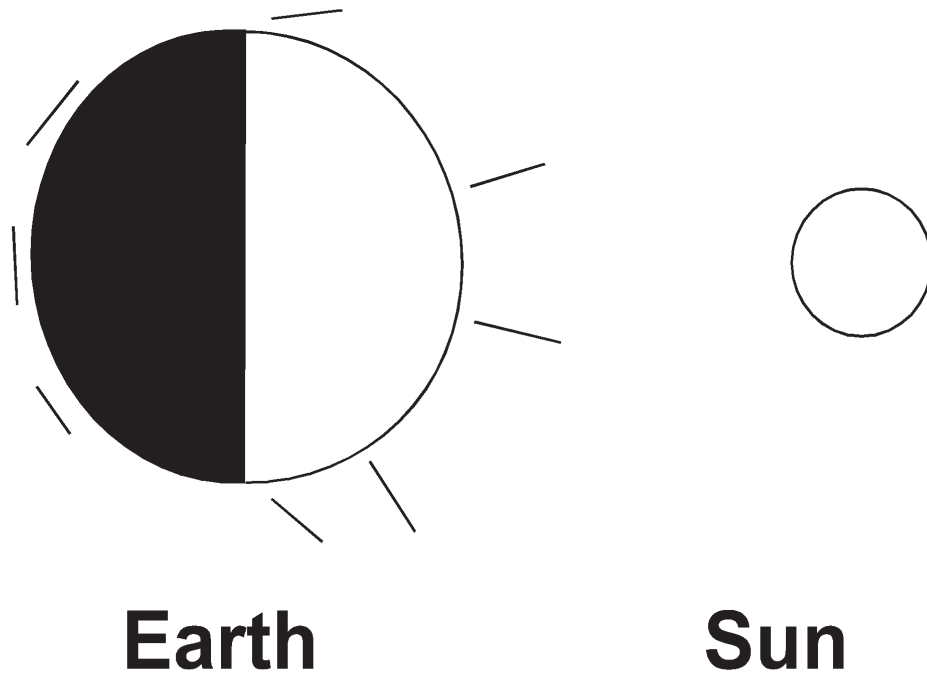
is simply a coupling to the earth's electric field to collect energy, and a way to increase that energy using the principle of resonance.

Resonance, then, is like a bicycle wheel that is spinning. It has a certain momentum. As it comes around and you keep hitting it, you can make it go faster and faster and faster. It builds the energy.

Similarly, our living environments can be constructed in such a way as to build energy. With the use of Owen's chain, the energy of a particular object can be measured. The effect of changes in its shape can also be measured. Arrangements of different objects can be measured for improvement. What has previously been art can be turned into a solid science in this New Age.

Charging Up

Imagine yourself to be a Martian staring at the planet Earth from the vantage point of Mars. Through your high powered telescope, you see a smooth ball with hair on it. You notice that one side is light and one side is dark. But you notice something very interesting. On the light side, the hairs are standing up. On the dark side they are lying down. As the ball rotates, the hairs that are standing up on the light side fall down as they come around to the dark side. These hairs, of course, are the people on the Earth. Why is it that we have a difficult time staying conscious when we are turned away from the sun by our rotating Earth?



Why do we sleep? That is an ancient mystery. What is the purpose of sleep? Still another mystery. But if one considers the electric field and its effect on the human body, it is no mystery at all.

First, let us take the question of why we sleep. The ionosphere increases in altitude on the dark side of the Earth. It increases from an altitude of 40 kilometers to approximately 120 kilometers. If we assume that the voltage on the ionosphere, our “battery of light”, remains at a constant 300,000 volts, the increase height on the dark side will reduce the voltage on our head from 250 volts to about 70 volts. This

decreased voltage greatly reduces the electrical energy flowing through our bodies, causing us to lose consciousness.

So on the dark side of the Earth, our bodies are similar to those in Dr. Hunt's MU room at UCLA, except that the field is not totally removed, just partially. That causes us to fall to the Earth and lay there in a stupor. True, with modern lighting we have managed to overcome some of this effect, but for the most part this is a powerful, driving phenomenon thousands of years old. In the daytime we are like a flashlight with brand new batteries. At nighttime, we are like a flashlight with dead batteries. Our biocircuits fall to a low level of activity because they do not have the voltage to run at a higher level. So that explains why we fall asleep, but not the purpose of it.

So what is the purpose of sleep? The purpose of sleep is to rejuvenate our bodies. To understand how our bodies charge from the earth's electric field during nighttime, we need to know a little bit about how the body is built. The classic work on the body as an electrical device is the book, ***The Body Electric, Electromagnetism and The Foundation of Life***, by Dr. Robert O. Becker, MD, and Gary Selden .[BEC2] The book describes Dr. Becker's pioneering research into the electrical properties of the human body.

Dr. Becker is a medical doctor who became interested in the process of regeneration of tissue. He discovered that the process of regenerating bones as the fracture healed involved changing electrical voltage patterns. He began to experiment with the use of electricity to stimulate fracture healing. As a result of his work, he was invited to speak at conferences and published several papers.

One day he got a call from another Veteran's hospital asking him if he would treat a soldier who had broken both legs in an auto crash. One of his legs had healed but the other had not. It had become grossly infected. The one leg had refused to heal after six months. The last chance for the soldier was to attempt electrical stimulation of the wound.

Dr. Becker implanted an electrode, which used the body chemicals and the electrode metals to form a tiny electric battery. The battery injected a tiny current of just one trillionth of an ampere (nanoampere) into the wound area. After the implant, the wound was closed and the wait began.

Within days the wound began to heal. In six weeks the bone had healed and the patient was discharged. A miracle in healing was caused by the correct scientific application of electrical knowledge. As spectacular as this story is, it is just a small part of Dr. Becker's work.

Because he was an orthopedic surgeon, Dr. Becker was extremely interested in bones. Contrary to the common perception that our skeleton is simply a bunch of sticks that

hold our body erect, he found that the bones are extremely complex and interesting electrical devices.

At the lowest level, the bone material is composed of mineral crystals. These crystals surround a fiber of protein. These fibers spiral around the center of the bone in two spirals, one in each direction. The center of the bone shaft is hollow and filled with bone marrow.

Dr. Becker discovered that bones have interesting properties. Bones are piezoelectric. Piezoelectricity is a well known property of crystals. It is the property by which crystals under mechanical stress produce an electric voltage. Alternately, an electric voltage applied across a piezoelectric crystal will cause the crystal to deform.

You may have operated a piezoelectric device without knowing it. Many gas stoves and grills use piezoelectric ignitors. You press a button, putting pressure upon a piezoelectric crystal, which generates enough voltage to cause a spark, thereby igniting the gas. Piezoelectricity is an important property widely used in scientific devices. It is also used in our bodies.

Our bones contain piezoelectric crystals. They are arranged in what is known as PN junctions. PN junctions are made by two types of conducting materials. One which conducts positive charge, the P type. The N type material conducts negative charges. When joined together they form a device which will pass an electric current in one direction, but not in the other. This one way control of electric flow is called rectification. It is widely used in electronics as we convert the alternating current coming out of our household outlets to the direct current needed to run our electric devices.

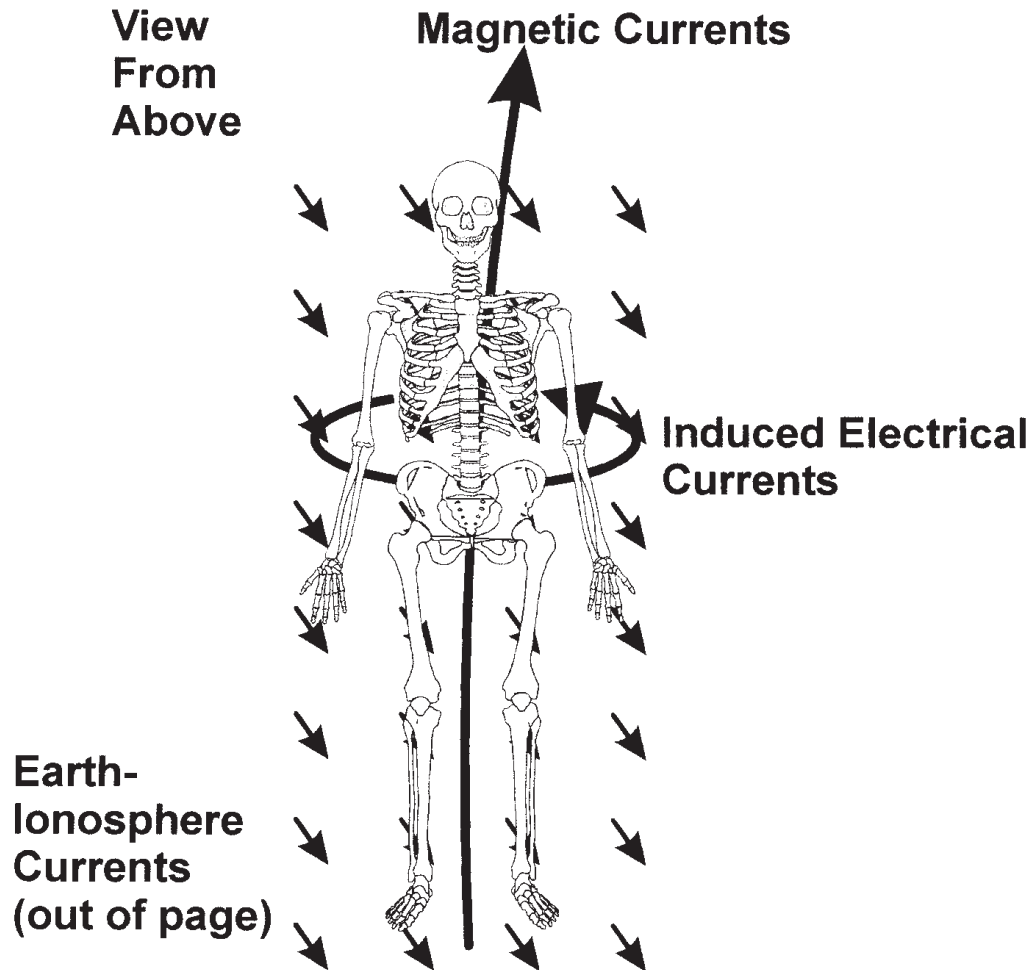
Two PN junctions combined in the correct manner produce a transistor. Transistors are the electrical building block used in microchips. Modern microchips may contain millions of transistors. Theoretically, our bones do as well.

Dr. Becker found that a bone under stress would grow additional bone on the side of the curve. He verified that this was caused by a processes where the mechanical stress, through the piezoelectric effect, generated a signal which alternated between positive and negative. That signal was rectified by the bone's PN junctions to produce a direct current signal. The negative direct currents caused bone growth on the inside of the curve of the bone. The positive currents caused bone absorption on the outside of the curve. The bone reshaped itself to relieve the stress.

Dr. Becker also found that the bone was a light emitting diode, or an LED. An LED is a PN junction that emits light when a current is passed through it. You have probably seen the small red lights on electronic devices or some automobile tail lights. These are LED's. The LED's in our bones do not emit visible light. They emit light in the infrared frequencies, or as heat. So our bones can convert electric currents into heat.

Dr. Becker also discovered that the crystals surrounding the protein fibers were bonded to the fibers by two atoms of copper. Dr. Becker believes that loss of these copper pegs leads to osteoporosis. We will return in a moment to these copper pegs, but first let us return to the topic of sleep.

When we lay down on the earth to sleep we couple our bodies very tightly to the current flowing from the earth to the ionosphere. By exposing maximum area to the flow at minimum height, we achieve a state of high current and low voltage. We therefore couple very tightly to the electric current of the earth.



We also couple very tightly to the magnetic currents flowing along the surface of the earth. Many cultures teach that one should sleep with their head to the north. If this is done, the spinal cord is aligned with the earth's magnetic flux lines. As the magnetic fields move along the spinal cord they create electric waves. These waves are picked up by our vertebrae, just like a television antenna picks up waves on each of its metal

elements. Our ribs act as antenna elements. The spacing of the vertebrae and the ribs serve to tune into the proper electric frequencies and to amplify the energies using the resonance.

Simply put, when we lay down at night to sleep our body turns into an electric antenna of high efficiency. By forcing us into a low energy consumption state, by reducing the voltage to shut down our brains and our muscles, nature has placed us into an ideal position for collecting energy. As these currents flow through our bodies and travel to the bones, the PN junctions in the bones convert the electrical energies into heat. This warms our organs and nourishes their growth. Further, the PN junctions in the bones rectify electrical current, allowing it to pass in one direction into the body, into the organs, storing energy as electrical charge. In other words, when we sleep at night we get our batteries charged.

Without this charging of our bodies at nighttime, we suffer sleep deprivation. With sleep deprivation our ability to perform actions is greatly diminished. Without this natural charging process we quickly become zombies. No amount of food or water intake will correct the situation. By some estimates our food intake cannot even account for the energy used by our body in a normal active day. This explanation of the sleep process explains where the extra energy comes from. It is simply nature's way of charging our bodies with energy from the earth's electric field.

There are other ways to charge our bodies from the field. Athletes and those in the performing arts use exercise with its rhythmic, resonating action to increase the energy available to the body. Runners running on the surface of the earth make intermittent contact, interrupting the electrical currents. As they do so, the rhythmic addition of the currents builds energy. As that current increases with the resonant activity, the runner can experience "the runner's high." This sensation of euphoria is simply the buildup of electric charge in the runner.

Dr. Hunt tested one of her dance therapy graduate students. This dancer routinely entered a state of altered consciousness when she danced. When her body was instrumented to measure the neurological signals in the muscles, an interesting thing happened.

Recording electrodes were placed on the dancer's lower arm, upper arm, back muscles, and on the top of her head. As the dancer danced, this is how Dr. Hunt described it:

"When electrodes were secured she started her dance routine. At the beginning nothing unusual happened. In fact, she commented on her apprehension about being recorded. Yet, in five minutes the recordings markedly changed. The muscular signal from her lower forearm stopped. The baseline activity characteristic of all living tissue was absent on the scopes. Next the upper arm recording dropped out. The engineer believed there was no equipment failure, although there was no ordinary energy in the arms. Soon she sat down in a "tailor position", which required back muscle activity to

balance her body. Again the spinal muscles showed no recording, no energy expended. We have known as long as there is life, skeletal muscles give us signals.

Next electromagnetic energy poured from the top of her head with an intensity beyond what the equipment could handle. This state lasted for seven minutes, followed by reverse sequence of reactivating the spine, upper arm, and lower arm muscles. In my years of neuromuscular research I have never witnessed any similar situation, nor had any been described in the literature. I was a total loss to explain, but I could not forget these happenings." [HUN]

When the dancer was asked how she achieved this state she replied that she simply danced on a ball of energy. By utilizing her mind and her body as an antenna, she was able to concentrate and build the energy flow in her body to the point that it was flowing directly into the muscles and did not have to be supplied by the body itself. The increase in energy flow out of the top of her head was a measure of the increase in energy flow that she had created between the earth's surface and the ionosphere.

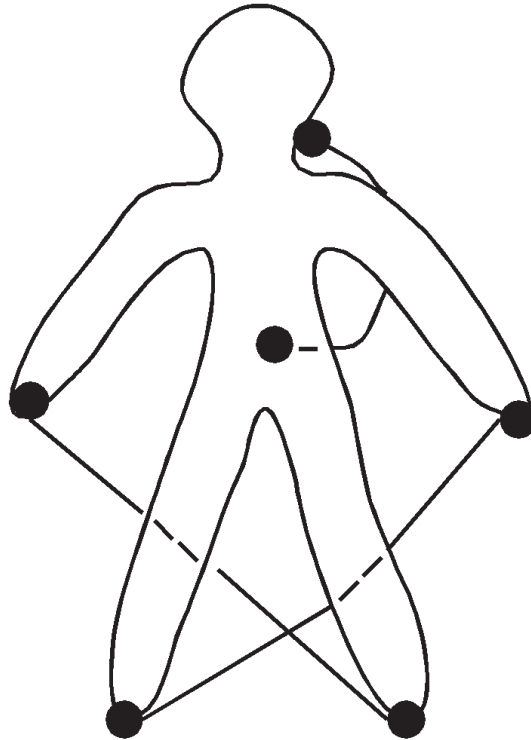
The practice of yoga is a similar means for charging our bodies with energy. By assuming the various stances and adjusting them precisely, we are able to tune into specific frequencies of energy in the sea of electricity swirling about us. This allows us to tune very accurately to energies that are needed for specific purposes.

Similarly, exercising in groups, such as in an aerobics class, is a way of coupling into the energy field, building a resonance of energy, and passing it from one to another in the class. This buildup of energy is felt by the participants. In the same fashion, a play or musical production can build energy through its rhythmic use of sound and motion. Observers of a particularly well done performance often describe it as "electrifying." That is a perfectly accurate description.

There is another more direct way to charge oneself from the earth's electric field. That is through the use of a biocircuit. Biocircuits were invented by a British airman named Leon Ernest Eeman. His work is discussed in the book, **Biocircuits, Amazing New Tools For Energy Health**, by Leslie Patten and Terry Patten [PAT]. Eeman was a British pilot who suffered serious injuries in an airplane crash in 1915. Although he recovered enough from the crash to fly again, by 1918 he had symptoms of acute head and spinal pains and unbearable insomnia. After 18 months and 5 different hospitals he was released from duty as 100 per cent disabled. The doctors told Eeman there was nothing more they could do for him.

Eeman decided he would have to do it himself. He became interested in the process of healing by the laying on of hands. He reasoned that the use of two hands implied that some form of energy was being moved because the hands possessed polarity. That is, one hand was positive, one hand was negative, causing a flow of energy between them. He further reasoned that in the process of laying on of hands that the healer formed some sort of electrical circuit with the patient.

From this reasoning he began to experiment with the use of copper wires connected between different parts of the body. These external circuits became known as biocircuits. Within three years Eeman had completely relieved himself from pain and insomnia. He then went on to develop his techniques and provide treatment to others over a 36 year career as a healer.



BIOCIRCUIT

This work was later joined by Dr. Aubrey Westlake. Later a researcher by the name of Peter Lindeman further researched biocircuits, including different wiring configurations and the use of silk in place of copper wires.

What Eeman had discovered was that it was possible to increase the energy in the human body by simply laying in a biocircuit for periods ranging from ten minutes to a few hours. He experimented with different arrangements of the wires, as well as with inserting a chemical into one of the wire paths. He also experimented with interconnecting several people with wires. Each stage of his development was carefully researched and documented. Much of the scientific rigor is due to Dr. Westlake. Eeman was particularly successful in curing cases of insomnia. The effects were also positive on many other illnesses and injury conditions.

The homeopath, Eric Powell, also used Eeman's circuits. He found them useful for treating insomnia, abdominal distress, indigestion, general debility, mental conditions of

excitement, restlessness, and moodiness. He also verified Eeman's experiments with drugs. Powell invented a device called the autonormaliser, a container to hold drugs. The effect of placing drugs in the biocircuit was found to be the same as taking oral doses, except that the reactions were much faster and stronger.

I have verified that Eeman's biocircuits do work. I use these circuits daily to charge myself from the earth's electric field. The practice is very simple. The arrangement of wires I use is called the Lindeman circuit. It places the ends of wires on the soles of the feet and in the palms of the hands in a cross configuration. That is, the left foot is connected to the right hand, and the right foot is connected to the left hand. The third wire is positioned with its ends near the base of the spine and the neck. The user lays horizontally, preferably with the head pointing north, and preferably on a concrete surface. This orientation and the use of a dense mass increase the currents. While laying in the circuit it is not necessary to do anything additional to gain energy. However, it is an excellent time to practice meditation or recite positive affirmations.

What is happening in this circuit is similar to the charging done while we are asleep, except that the field currents have been intensified by using the external copper wires. The current flow paths formed by the wires and the skeleton form three interconnecting loops. These loops interact to increase the current flows. Further, the lengths of the loops set up electrical flows that are harmonically related to each other. This further helps build the energy.

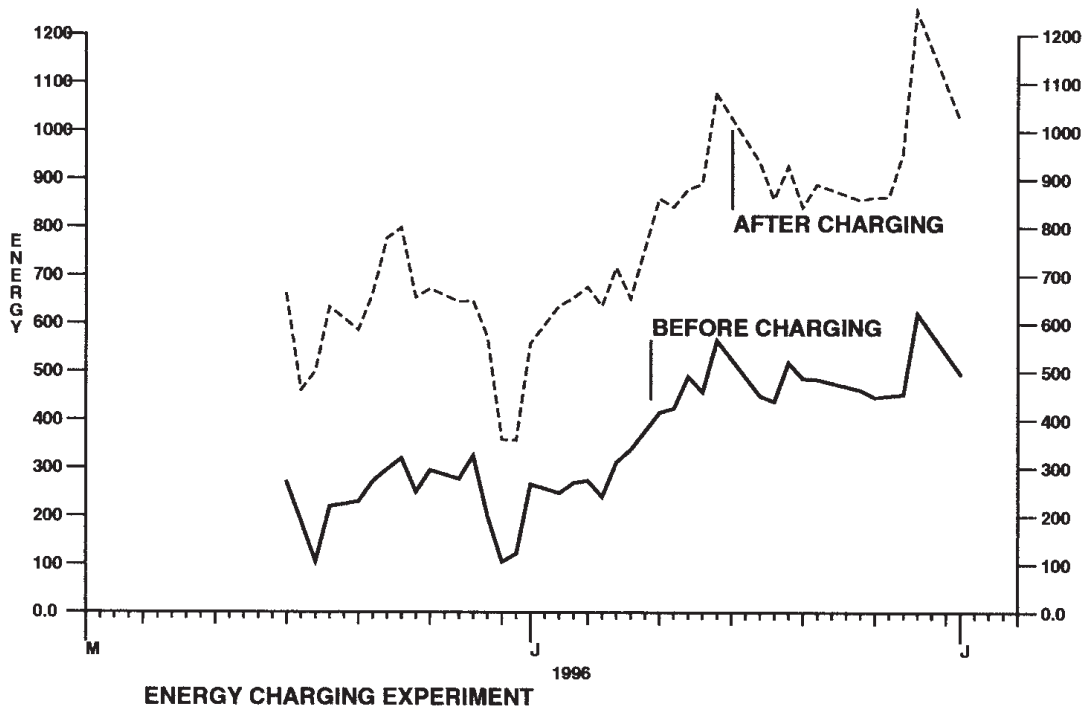
A further effect is due to the copper in the wires. As electrical currents flow through the copper wires, they pick up the vibrations of the copper molecules themselves. These molecular vibrations add a signal to the currents much like a radio station adds the sound to the signal from the radio transmitter. This process is called modulation.

This modulated signal is tuned to the frequency of copper. Remember those copper pegs that Dr. Becker found in our skeletal structure? Those copper molecules will react to the incoming signals that carry the "song of copper" by vibrating in step. These vibrating molecules press against the piezoelectric crystals, converting the "song of copper" into rectified electrical energy. So the biocircuits specifically act as a carefully tuned radio receiver to tune into exactly the frequency that our skeleton translates into our life force energy.

The effectiveness of this charging circuit can be measured. Using Owen's chain or a crystal pendulum, it is possible to measure one's energy state before charging and after charging. The measurement is made by placing one's left hand on the front top of their head at a point called the crown chakra. The left hand takes in the energy leaving through that chakra. It then flows through the left arm, out the right arm, and causes the chain to rotate.

This chart shows the before and after measurements of using this charging exercise over a period of 34 days. Two effects are very clear. First, the energy was increased

by a factor of 2.5. A second effect was that the net energy increased progressively over the experimental period. Keeping in mind that Owen's chain is simply measuring electrical charge, this clearly scientifically establishes that biocircuits increase the electrical charge in the body.



Biocircuits can be used daily as a simple, low cost means of collecting free energy from the earth's electric field. All these circuits are doing is tuning into the energy most appropriate to the body, increasing it by using the principle of resonance, and passing it into the body for storage. Biocircuits, then, give you your own radio antenna to tune into the sea of electricity that swirls around us.

In a later chapter we will show that each individual is a specialized antenna designed to tune into the changing patterns in this swirling sea of electricity about us.

That, then, is how the human body collects energy from the earth's electric field. The rotation of the earth puts us to sleep, forcing us into a position where we maximize our energy collection during sleep. Other activities can increase our collection of energy and raise our energy levels to incredible heights. Understanding the nature of these electrical flows scientifically allows us to tune in to specific signals in the sea of electricity in such a way that the specific signals nurture our bodies. We can truly charge ourselves up, deliberately and consciously, using the science of the New Age.

Dangers Around Us

The swirling sea of energy about us not only gives us life, it can also bring us death. Our bodies are not designed to tolerate currents that flow in the wrong direction. Reverse current flows can drain us of our psychic and physical energies. They can even drain us of our will to live in a very short time.

In our modern age of electronics we are surrounded by many electrical devices which are harmful. Further, nature provides us with many sources of negative currents. Dutch doctors have for centuries analyzed a sick person's home for the presence of underground streams [LEH]. What they have learned is that underground streams are frequently associated with illness. With the scientific understanding of the earth's electric field, it is clear why.

A person living near an underground stream or sleeping on top of it is subjected to the negative currents flowing down to the underground stream. These are the same currents detected by a water dowser. However, the dowser does not maintain contact with the currents for a prolonged period of time. Someone who does maintain contact has reversed the natural flow of energy. The body was designed to be healthy when the energy flow was from the earth's surface to the ionosphere. Living over water creates a permanent unhealthy energy flow.

A body of water acts as an intense electrical drain. Not only will the current flow strongly to that body of water, but it will swirl violently. These swirls in the electric field act as electrical tornadoes.

On April 4, 1997, the popular TV show, "Unsolved Mysteries" broadcast a very interesting story of a supposedly haunted house. That report described the experience of a woman in the haunted house during one of the "hauntings." She was lying in a bed. She felt as if the room were "...spinning in a vortex of electricity." Her son, in another room, observed a dryer to turn itself on. He could not turn it off.

Paranormal researchers tested the house with instruments. They found unusual electromagnetic readings in two places. One place was an old chest that was in the bedroom in which the woman was sleeping. It had a very strong field associated with it. The second place was around a well in the basement.

I believe that this "haunting" was simply a storm in the earth's electrical field. As that moving electrical disturbance passed over the house, it increased the electrical current flowing down into the well. As that current rotated, it intensified. As it encountered the chest, the chest tuned into these currents and amplified and re-radiated them. The intense electric fields were sufficient to run the dryer without it having been switched on. The windings in the motors were picking up the electric currents directly. They were acting as "induction coils," commonly used in electronics.

Paranormal researchers report that many haunted houses have wells in their basements or streams near by. This fact and scientific knowledge of the earth's electric field can explain many, if not all, incidences of haunting. Of course, the hauntings will come and go as the swirling sea of electricity changes over the earth.

Many reports of such hauntings describe ghosts as energy fields in the shape of people. Science does not rule out that possibility. It is quite possible that what we perceive as our own personality, our spirit, or our soul is the particular collection of electrical energy that gives us life. It may well be that this electrical energy remains part of the earth's electric field after our bodies are through with it. If we think of our energy as a permanent swirl in the electric field, we can stretch our thinking to admit this possibility. So ghosts could really be features of the electric field.

Then, during a haunting, the increased electric field could be interacting with this "soul," causing the emission of a glow, as the sky glows during the Aurora Borealis.

This idea that our soul is part of the energy field is speculative. Yet it could explain a lot. It could even mean that reincarnation does occur. So that is a possible scientific explanation of ghosts and hauntings. We'll pursue the topic of eternal souls in the next chapter.

There are many other dangers around us as well. Today, practically everyone is exposed to either a television set or a computer screen. These devices cause a very harmful effect in the local electric field. Despite what governments have told us, these effects can be damaging to our mental state, our health, and even our life. Numerous reports have been published on the effect of video display terminals on people. One of the reports by Dr. Bradley Herst [BEC] of the University of Colorado Health Center showed that women working in front of a video display terminal were 3 to 4 times more likely to miscarry than other women. The literature abounds with similar reports.

Yet measurements of the radiation from the screens show relatively low electromagnetic and electrostatic radiation. Some governments claim that they are not a danger. This claim is false because the measurements are not detecting the proper component of the frequency spectrum. The component that is harmful is the reverse flow of the electric field. Display terminals are designed in such a way that they start an electron beam at the top of the screen and sweep from left to right, moving slowly downward. The beam is then jumped instantly to the top of the screen and starts over again. This downward sweeping flow causes a reversal of the currents in the local electric field that is harmful to the human being. It creates the same downward electric wave as an underground stream.

Remember the human was designed to live in a healthy environment where current was flowing upward. Further keep in mind that our body tunes into particular electrical signals at particular molecular frequencies, such as the frequency of copper. None of the instruments traditionally used to measure radiation from these screens is designed

to test these frequencies. So the measurements are not showing the true danger, simply because the instruments are inappropriate.

The danger can be shown using Owen's chain. I have used this chain to measure a 14 inch "low radiation" computer screen to be negative with a count of -130 EU. A large TV set measured a -300 EU. Since a fully charged live human measures about +2000 EU, these negative charges are significant, being 10 to 15 percent of a healthy charge.

Then there are fluorescent lights. Fluorescent lights are used because they reduce the cost of lighting. Yet practically everyone who works in an area illuminated by fluorescent lights hates them. People routinely complain that they bother their eyes and that they make them tired. The author has found that a two bulb (40 watt per bulb) office fluorescent light fixture generates a -130 EU reading. This is just as harmful as a video display terminal and possibly more so, since the lights are placed over our heads. They are in the direct path of our life giving current that flows from the ground to the ionosphere. This positioning may multiply the effect of these lights significantly.

Similarly, copiers, widely used in offices, contain high voltage electrical sources. So do laser printers. These sources can measure -150 EU to -400 EU. Even our sound systems, like our stereos, give off some negative electrical energy.

The modern office, therefore, may surround a worker with a great deal of negative energy that is flowing exactly in the wrong direction for their health and well being. When I first discovered this, I measured all the equipment in my office and found a total reading of -1800 EU. That is enough to almost totally balance my own bodies reading of +2000 EU. Is it any wonder, then, that the modern secretary, stockbroker, accountant, order entry clerk, or whatever, arrives home feeling totally "drained." ***We are having the electrical charge that gives us life sucked out of us in the workplace.***

What do we do? We can't do away with all these tools of industry or we won't have any jobs. Fortunately, there is a simple, inexpensive solution. This solution has been known to Dutch doctors for centuries. It is a simply, small copper coil. That can be made by taking a piece of copper wire about 4 inches long and winding it in a coil around one's finger, leaving both ends open and with no turns touching. Dutch doctors use a number of these coils along an underground stream to neutralize the electric field. I have repackaged these coils onto copper circuit boards. These unobtrusive flat "energy traps" can be positioned on computer screens, television sets, copiers, laser printers, and fluorescent lights. An amazing thing about these coils is that they not only stop the negative electrical energy, but they convert it to be positive. In testing of these devices, I found that the devices tune into a broad range of electrical energy between 10 and 100 MHz. Any electric fields in this range cause a flow of current in the coils.

Of course, with their copper material they also tune in specifically to the "song of copper" carried on any of those frequencies. It is my belief that these devices then

re-radiate that energy at the frequency of the copper molecule and stimulate the human body through the copper pegs in the bone structures.

These energy traps are completely unpowered. They are simple structures that are placed on the equipment. They can be blended in with the equipment and hidden in any way desired. Doing this turned my office from one that always felt tiring to one that seems to build my energy as the day progresses.

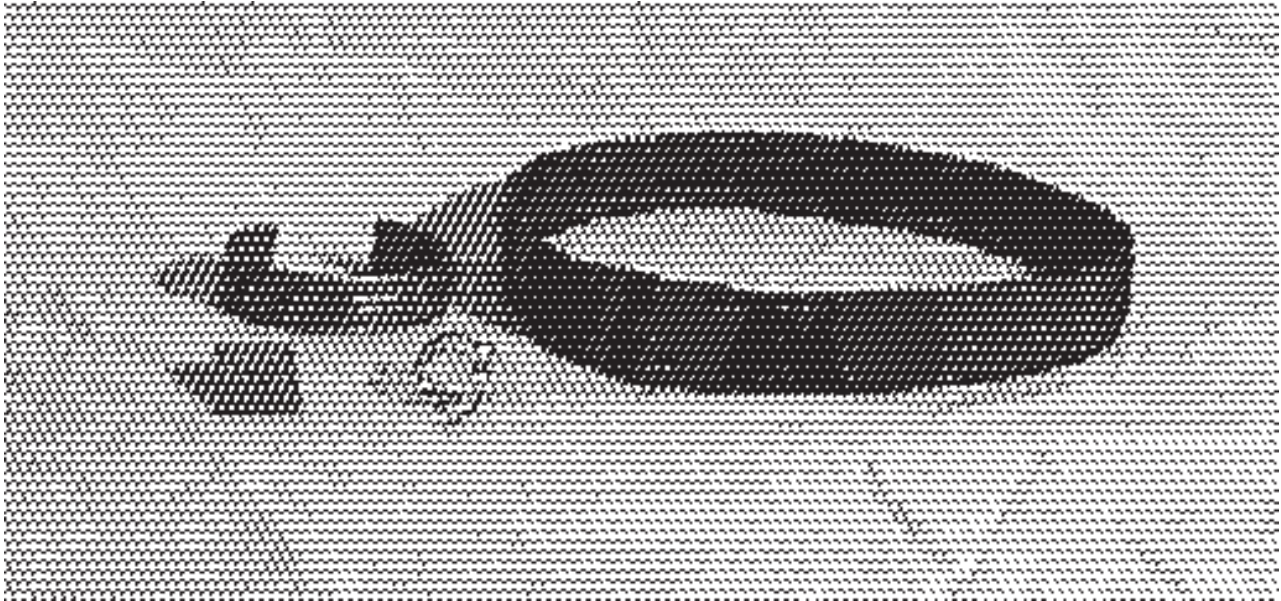
These copper coils are simply another version of copper jewelry. Tibetans have for centuries worn copper and tri-metal bracelets. These bracelets have been credited with positive effects on the health of the wearer. In the age of mysticism they were to bring the wearer "good luck." With our New Age science we know that these copper bracelets interact with the earth's electric field to concentrate the positive currents around the wrist, stimulating the copper pegs in the bone structure. This vibrates the crystals that make up our skeleton, feeding the positive energy into our body.

I have tested such a bracelet. When I place it on my right wrist, it stops Owen's chain from rotating, no matter what I measure. It is clearly trapping the electrical currents that normally flow into the chain. It sets up a current flow in the bracelet, which acts both as an antenna and as an induction coil. The electromagnetic field around the bracelet acts as a resonating cavity to increase the energy flow. The current flows into the wrist then stimulate the bone's piezoelectric action, adding energy into our bodies.

This probably means the bracelet may be most effective if worn on the right wrist. One worn on the left wrist may block the energy collection of the left arm. This needs to be tested further. Yet one thing is certain. These devices have stood the test of time, the test of trial and error. They absolutely work, and now we know why they work.

I have used this knowledge of the earth's electric field to invent something I call a concentration headband. Like the copper bracelet, it is an energy concentrator. I got to wondering about crowns worn by kings and queens. Why were these so special? And why did they occur independently in different cultures around the world? Then I realized that the crowns acted like antennas, just like the wrist band. Wearers of crowns had an obvious advantage over non-wearers.

The concentration headband consists of a ***properly oriented*** magnetic strip attached to a cloth headband. It serves as a magnetic shield against outside interfering currents, and as a concentrator of the thought currents in the head. If the magnetic strip is oriented correctly, it reinforces positive thoughts. If the magnetic strip is oriented incorrectly, it reinforces negative thoughts. Testimony from wearers is that it really does work. It should, since it is based on an understanding of why these devices work.



Energy Trap, Copper Bracelet, Copper Coil, Concentration Headband

Knowing why is important. Anything we cannot explain, we label as junk, crap, or garbage. Yet, up until this point in the world we have made an extremely dangerous assumption. The assumption has been that what we knew was all that there was to know. The assumption was that we truly understood what was happening in our environment. Of course, the reality that we could not explain a long list of ancient mysteries and paranormal activities should have made us realize that we were living a great lie.

The New Age is dawning because we are realizing that thinking we knew it all was a great lie, and that there is still more to know. ***We can and will comprehend it.***

Oh, Lord, God!

Every culture on the planet has developed some form of religion, mysticism, shamanism, or worship of what turns out to be connected to the electrical field. Our globe is dotted with many, many monuments to these religions. In many cases, these monuments take the form of astronomical observatories. These monuments were more than observatories, though. They were energy collection devices designed to collect energy from the electromagnetic field, to resonate it, amplify it, and increase the flow of current to the people within the structure.

Why was this done? It was done to achieve personal power over other people. Those who learned how to collect and amplify the natural currents of the earth's electrical field could become high priests. Their wisdom and knowledge gave them power over others. By harnessing the ***powers of the gods***, the priests could control the people, while at the same time leading a life of ease. They didn't have to grow food or hunt. They could use their power to get others to do that for them and make contributions to the priests. Knowledge was the pathway to an easy life.

A careful study of these ancient structures shows that many were carefully designed to collect energy and to amplify it through the principle of resonance.

Most famous of these, of course, are the Egyptian pyramids. Peter Tompkins, in the book, ***The Secrets of the Great Pyramids*** [TOM2], documents how the dimensions of the pyramids form harmonic ratios. The broad base of the pyramid itself collects current from the entire area of the base. As the currents flow upward towards the ionosphere, the currents are intensified. By placing various chambers in this dense stone structure, it was possible to tune into particular frequencies of energy.

Electrical waves traveling through a cavity in a structure such as this form what are known as resonant cavities. Resonant cavities are like antennas made out of a hole. Electrical waves have a given distance between their peaks of energy. This distance is determined by their frequency. The higher the frequency, the shorter the distance. This distance is called the wavelength.

When an electrical wave travels across a structure whose dimensions are equal to its wavelength, it stimulates that structure to vibrate. In the TV antenna, this is what makes the metal rods across the main boom, known as elements, work. In a resonant cavity, the effect is the same, except that rather than occurring between the two ends of a rod, the effect occurs between the two opposite walls of the cavity. If the cavity is rectangular, it can tune into two different frequencies.

These cavities will also tune into electrical waves whose wave length is an even integer (whole number) division of the cavities dimensions. These waves are called the harmonics.

The pyramids, therefore, allow an energy flow to be amplified and resonated in a chamber. A person standing in the chamber will feel specific, tuned electrical waves passing through their bodies. A friend of mine who has stood in these chambers described the feeling as an intense, highly elevated sense of awe. He felt a strong electric field, and his hair stood on end. That is exactly what a priesthood wants to create. They want to create a sense of awe and reverence in the people.

There is no need to convince anyone logically of the presence of a God when they can experience it when they are in the chamber. The believers can accept it on **faith**. They can feel **the presence of God**.

The holy temples that dot our planet contain the same basic construction as the great pyramids. They use the concentration of the electric field by a shape that reaches towards the sky, getting narrower as it does so. Through the choice of materials, frequently massive stone, particular energies of importance are selected. Through the design of the chambers, these energies are tuned to specific frequencies. All of these work together to make the person in the temple feel the presence of God.

Many of the more ancient temples have domes that are covered with gold or copper. These metals increase the conductivity of electricity and further concentrate the current flow.

It is not clear whether these designs were arrived at by trial and error, or whether some ancient secret wisdom of exactly how and why to design them was passed along by secret societies or priesthoods. There have been many secret societies which teach topics such as “sacred geometry.” Sacred geometry relates to the geometric patterns that can be used in a structure to resonant the energy flow. For example, one common structure is a circle.

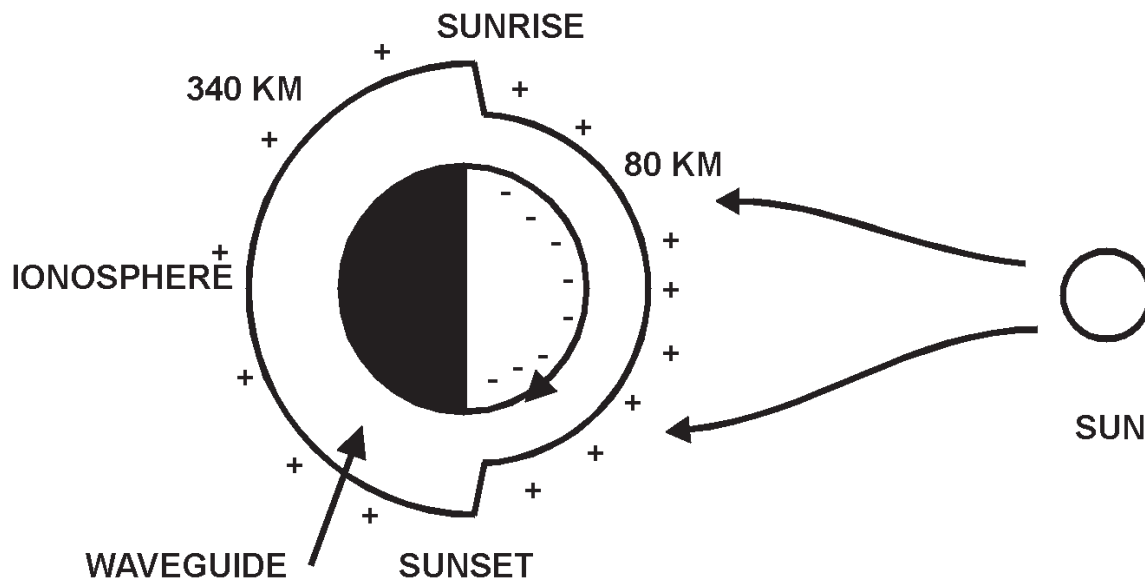
If the circumference of a circle is divided into an even number of parts, a harmonic resonant structure is created. One can visualize this by thinking of a circular mirror and a laser beam. The laser beam starts out and hits the mirror in such a way that it reflects off to form a square. The beam will come around and add energy to itself. By bouncing around the circle, the energy can build and build and build. What it takes, though, is some form of launching an energy flow.

I have discovered that this was done at Stonehenge, the ancient Druid temple. To understand Stonehenge, one first has to understand what I call the sunrise, sunset energy injector. Recall that the ionosphere on the sunlit side of the earth is about 40 kilometers high, and on the dark side of the earth is about 320 kilometers high? It transitions between these two altitudes at the sunrise, sunset boundary of the rotating earth.

This has an interesting effect on the frequencies of the currents that flow from the earth to the ionosphere and back. At nighttime the round-trip path resonates with an electrical signal near 468 Hz. During the daytime the frequency shifts to about 1869 Hz.

So at sunrise and sunset, two things happen. First, there is a shift in the flow of charges as the ionosphere changes position. This is an increase of the current flow. Further, the frequencies carried by these currents sweeps over a wide frequency range.

There is a third effect at this sunrise, sunset boundary. At both sunrise and sunset the incoming electromagnetic energy from the sun forms an electromagnetic wave traveling between the ionosphere and the earth's surface. The ionosphere and the earth's surface act as the waveguide. A waveguide acts as a tunnel through which an electromagnetic wave can travel. Your microwave oven has such a waveguide.



As these electromagnetic waves pass around the earth they reach the other sunset, sunrise point in 1/15th of a second. They set up a resonance of 15 Hz. Fifteen Hz happens to be an electrical signal that we both feel and hear. So it is a very important frequency for us.

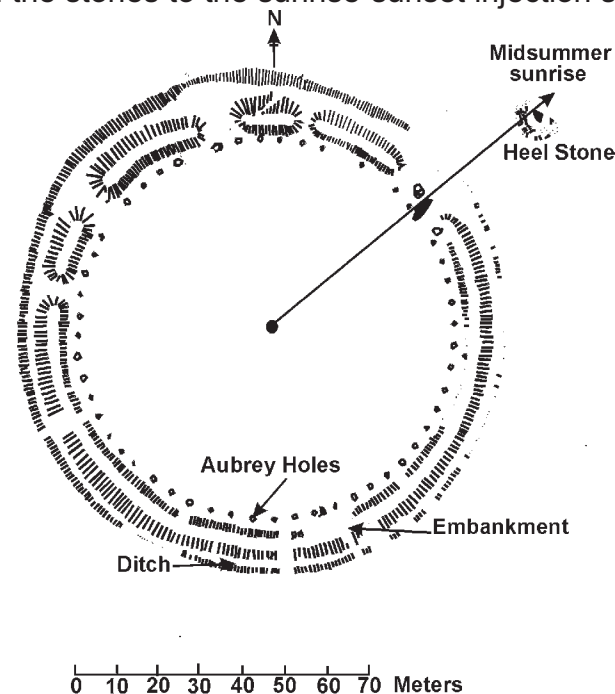
The shift in the vertical resonant frequency at sunrise and sunset from 468 Hz to 1869 Hz is 1401 Hz. This is very close to a 90 to 1 harmonic ratio to 15 Hz. Again, we can both hear and feel this frequency.

I suspect that the ancients who decided how to mark our circle off into 360 degrees did so in response to this 90 to 1 harmonic ratio. Each quarter of the circle contains 90 degrees. Half of the earth's wave guide divides into 180 wave lengths of the signal injected at sunrise and sunset. These 180 wave crests have another 180 wave valleys between them. This is probably where the 360 degree circle comes from.

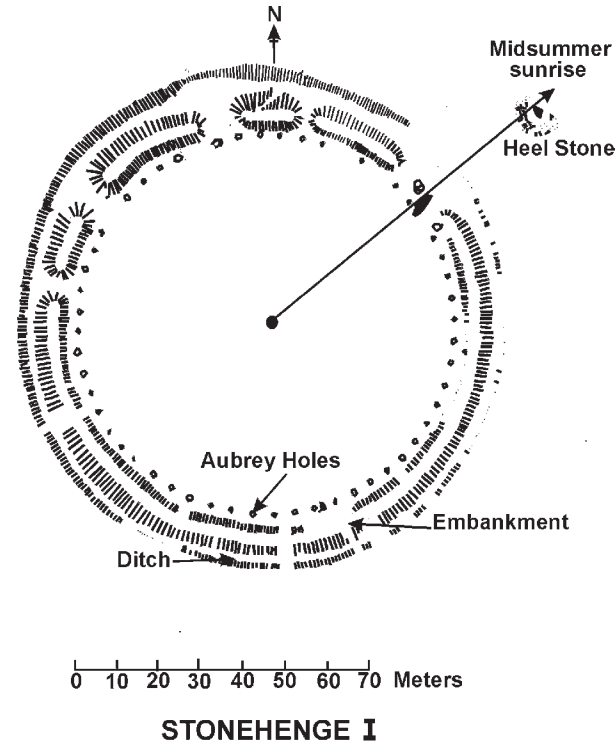
The ancients obviously learned this and understood this. Here is how they may have exploited this knowledge at Stonehenge. I have examined the detailed diagram of Stonehenge contained in *The Astronomy of the Ancients* [BRE]. It shows a very interesting structure.

Stonehenge contains an inner circle, called the Aubrey circle, with a 60 meter radius. A sound wave traveling around the circle and resonating at 60 meters would have a frequency of .878 Hz. If .878 Hz is multiplied by two, one gets a frequency of 1.756 Hz.

Remember Owen's chain? It was picking up electromagnetic waves at a frequency of 1.75 Hz. This is one of the fundamental frequencies of the flow of natural energy. The Aubrey circle was designed to tune into that energy flow. This circle has a series of holes dividing the circle into 56 parts. That sets up a frequency multiplier of 56 times .878 Hz, which equals 49.168 Hz. This is very close to the frequency used in Europe for power lines. It is an electrical frequency that we can both hear as a hum, and feel as a vibration with our bodies. Further, this 49 Hz frequency is very close to three times 15 Hertz. This further tuned the stones to the sunrise-sunset injection signal.



STONEHENGE I



The holes in the Aubrey circle were probably filled with piezoelectric crystals. As the sun rose and the earth to ionospheric current made its frequency sweep, the circle of the stones would be stimulated electrically. Electrically stimulated piezoelectric crystals vibrate mechanically. A ring of stones so vibrated would “moan.”

The Druid priests made good use of this phenomenon. In their initiation ceremony they would have kept the initiates up all night praying, making them dehydrated and supersensitive to external forces. They probably would have made them fast so that their bodies were low on internal energy and more susceptible to external energy. Then, just before sunrise they would take them to Stonehenge. There they would pray to the heavens that they might hear the voice of God. As the earth rotated Stonehenge under the sunrise boundary, the earth to ionosphere voltage went through its frequency sweep, stimulating the stones in the circle. As the stones picked up the electrical energy with the piezoelectric crystals, the crystals vibrated. They would set up a “moan” at 49.168 Hz. Initiates were hearing the “voice of God.”

Then the high priest would ask one of the initiates to come forward and, at the right moment, to kiss one of the stones. This stone is a large piezoelectric crystal which is vibrating. It can have developed a voltage on it up to 50,000 volts. So when the initiate kissed the stone, he was knocked to the ground.

The high priest simply says, “Behold the power of the Druid God.” Wouldn’t that make a believer out of you?

I am not saying that religion is untrue, a fraud, or anything of the sort. My own study has led me to a very simple belief.

All of the universe is filled with electric charge. In fact, Dr. Harold Aspden [ASP1], a theoretical physicist in England, believes that charge and space are interchangeable. This field of charge throughout all of space *is* the universal energy field.

God is described as being universal. What better description of the universal energy field could one make? God is described as all powerful. This is the field that powers everything in the universe as we know it. ***So I believe that God IS the energy field.***

This belief is not without a strong supporting voice. The Indian holy man, Sathya Sai Baba, is reputed to be a modern avatar [HIS]. An avatar is God on Earth in human form. In the Hindu religion, avatars have come to Earth periodically to help direct the affairs of humankind. They credit Jesus Christ and Buddha as avatars.

Sai Baba is a modern avatar. He has reportedly done many miracles, including raising people from the dead, healing the sick, and manifesting objects out of thin air.

I have a friend who sat at Sai Baba’s feet while he manifested a necklace out of thin air before her eyes. He did it by rotating his hand in a circular motion. I believe that this powerful being has learned to congeal the electric field into matter itself. This is theoretically possible if the right harmonic relationships are set up in the energy field. So I know that Sai Baba understands the universal energy field.

An interesting answer to the question, “What is God?”, is contained in the book, ***Divine Memories of Sathya Sai Baba***, by Diana Baskin [BAS].

Once when asked, “What is God?”, Sai Baba replied, “When the positive and the negative meet, without resistance, that ***current is God.***” ***This is a perfectly accurate technical description of electric current flow in the face of zero resistance.***

So the earth’s electric field can explain the widespread practice of religion, the building of priesthoods, the operation of temples, and the establishment of religious rituals. When a large enough current flows through the human body, our biocircuits feel it intensely. We have a “religious experience.”

Priesthoods were built up over the centuries by those who had learned to harness this all present, all powerful, universal energy field. Whether it was done through trial and error, or by knowledgeable mathematicians who could actually design specifically the proper environments, is unknown. But what is very clear is that the earth’s electrical field is what is behind the widespread belief and practice of religion around the world.

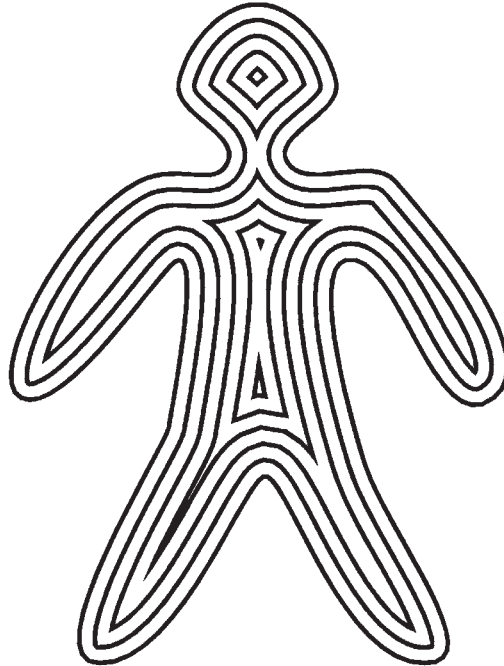
Certain beings like Sai Baba, Buddhist, and Christ have somehow managed to connect with this electric field with a very low resistance. This greatly increased the electrical flow through them. This is probably what leads to the visual appearance of halos. Reportedly, the glow around Christ's head was so intense that it was visible to all, even to those who could not see the normal human aura.

The devotees of Sai Baba who gain an audience with him universally claim that when they are near him, their minds "go numb." They can't remember their names, what they wanted to ask, or what they wanted to pass on to Sai Baba. This is obviously the description of someone in an intense electric field. The feeling is described as an elevated state of bliss.

This is exactly consistent with the Mu room experiments done by Dr. Valerie Hunt. When the field strength is increased and the currents increased, the people feel a higher state of awareness, consciousness, and euphoria. So this "religious feeling" is not so mysterious. It's all purely and simply the electric field at work.

These feelings are enhanced with religious ceremonies. Practices such as clasping of hands in prayer and kneeling further increase the flow of current through the worshipers. The act of joining of hands in a circle forms a resonant current loop. Rhythmic chanting and clapping of hands resonates energy, especially when done in a properly designed resonant cavity. It all makes use of the forces of nature to worship The Creator.

Native American medicine men made excellent use of this powerful force of nature. They could even make rain. The book, ***Black Elk Speaks***, by John G. Neihardt [NEI1], describes the life experiences of the Sioux medicine man, Black Elk. It ends with a description of him making it rain on Harney Peak in South Dakota. This peak is a few miles from where I was born. It is the highest peak in the Black Hills.



A SOUL FIELD

Why go to a mountain peak for a rain making ceremony? Like the pyramids, a mountain peak increases the density of the currents as they flow up to the ionosphere. The peak is where one would find the strongest currents.

In preparation for a ritual such as rainmaking, a medicine man would fast and purify himself in a sweat lodge. His sweat purified body has a lower resistance, further increasing the energy flow.

Standing erect on the mountain top, with his feet spread and his arms upraised, the medicine man acts as a resonating antenna to increase these currents flows and amplify them as they leave his body headed skyward. He then tunes these currents with rhythmic chants, setting up the right signals that cause water vapor to congeal into clouds and to form raindrops. Raindrops are formed as water collects around electric charges. So the Native American rainmakers used knowledge of the earth's electric field, even if they did not understand it.

Of course early man both revered and feared these masters of the universe who could perform such feats. Of course they were awed. Of course they suspected it was some form of witchcraft. Because they lacked the scientific explanation of what was happening, they had no other choice. But in the New Age, even our practice of religion and the benefits we can derive from it can be improved and understood in a scientific manner.

Some believe that we are souls who have bodies. We mentioned in the last chapter that we each have an electric field. We know that our thoughts are electric currents. So perhaps our very essence, our soul, is an energy form bound into the universal energy field. The particular energy patterns that make us who we are could form an “electromagnetic container” in the field, much like a cloud forms in the sky.

A recent book, *Journey of Souls*, by Michael Newton, Ph.D., [NEW2] sheds some light on this topic. Dr. Newton is a hypno-therapist. He, like several other hypno-therapists, regress people into past lives [GOL]. Dr. Newton learned to regress people into the time between lives. From this he has developed a very detailed and specific description of souls as energy forms. One of his clients, an electrical engineer, describes the movement from death into “heaven” as follows:

Dr.N: Explain to me how this pulling process works which will take you to your destination?

K: I am riding on a wave . . . A beam of light.

Dr.N: Is this beam electromagnetic, or what?

K: Well . . . It’s similar to the bands of a radio with someone turning the dial and finding the right frequency for me.

Dr.N: Are you saying you are being guided by an invisible force without much voluntary control and that you can’t speed things up as you did right after death?

K: Yes. I must go with the wave bands of light . . . The waves have direction and I’m flowing with it. It’s easy. They do it all for you.

Dr.N: Who does it for you?

K: The ones in control . . . I don’t really know.

Dr.N: Then you are not in control. You don’t have the responsibility of finding your own destination.

K: (pause) My mind is in tune with the movement . . . I flow with the resonance . . .

Dr.N: Resonance? You hear sounds?

K: Yes, the wave beam . . . vibrates . . . I am locked into this, too,”

I certainly do not have the final answer here. What is apparent though, is that religion is tightly connected with electric charge, which exists throughout the universe. Fields of charge may be souls, which when all added together form GOD. The worship of God is

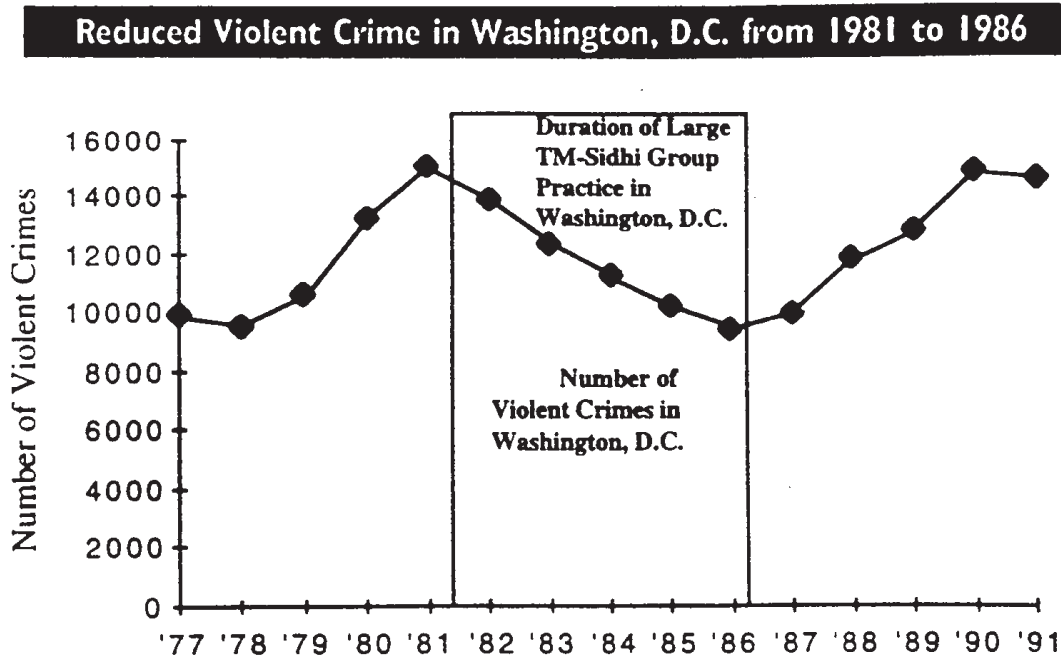
the worship of The Source of all energy. So recognizing the role of the Earth's electric field in religious practices is a step toward better connecting science and religion in the New Age.

Fix Your Head, Fix Your Life

There is nothing like the human brain. We all have a brain. In fact, we have two brains, a left brain and a right brain. These brains are electrochemical devices. They are positioned in our bodies at the most intense point of electrical flow from the earth to the ionosphere. The brain is housed in a circular resonant cavity. It is an incredible device. It is the part of our anatomy most coupled with the earth's electric field.

Our brain is composed of perhaps 100 billion nerve cells and the number of possible interconnections between these nerve cells exceeds the number of stars in the known universe [GOR]. Modern computer science is fascinated by the study of computer neural networks, yet these modern programs are fortunate to have a few thousand cells. These programs do everything from pattern recognition to stock market forecasting. Some consider them nearly human. But each of us carries between our two ears a biological super computer millions of times more powerful.

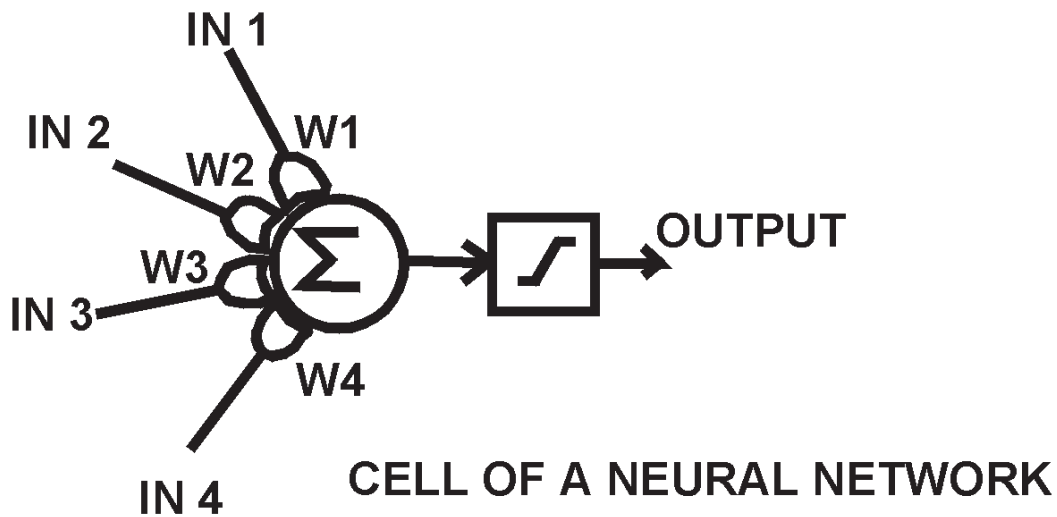
This part of our body interfaces, manipulates, and controls our interaction with the earth's electric field. It is placed at the top of our bodies where the earth-ionospheric currents are most concentrated. The arms, legs, and spinal column all feed their electrical currents to the brain. The brain is contained in a spherical resonant cavity. It can operate with electrical signals over a wide range of frequencies. It can detect signals, filter them, amplify them, and modify them by the process of modulation.



We can add our own brain waves into the currents flowing out of the tops of our heads and into the ionosphere. As incredible as it may sound, we can modify the earth's electric field with our own brains. This was scientifically proven in an experiment conducted in 1981 through 1986 in Washington, D.C. Forty expert practitioners of transcendental meditation and TM-Hidhi gathered twice daily to meditate. Their meditations were aimed at reducing the crime rate. During the period of the experiment they managed to reduce the crime rate in Washington, D.C. by 40 percent.

This was a carefully controlled scientific experiment conducted by a group of New Age scientists, including Dr. John Hageland. Dr. John Hageland is a well-known theoretical physicist and part of an international cadre of "new physicists." An interesting thing about his work is that he believes that the modern unified field theories that he and others are developing are describing the same field that is experienced by practitioners of meditation as "pure consciousness." His work and the Washington experiment indicate very strongly that our brain can affect the energy field around us [HAG].

Our brain consists of millions of neural networks. These neural networks are formed by neurons which have leading into them a number of nerve fibers. These nerve fibers carry electrical pulses. Inside the neurons the pulses are multiplied and added together. If the result of this process exceeds a certain value, that neuron will fire, sending a pulse on to the next neuron in the network.



There are two very interesting properties of this electrical circuitry in our brain. First of all, each neuron forms what is known in electronics as a differential amplifier. If two

incoming fibers carry a positive version and a negative version of the same weak electrical signal, that signal can be detected in the presence of a strong signal. This happens because a strong external signal will be added to both of the incoming fibers. Inside the neuron, the two signals are subtracted, resulting in one copy of the strong signal being subtracted from the other copy of the strong signal, thereby canceling out the strong signal. The negative copy of the weak signal is subtracted, or in other words added, to the positive copy of the weak signal. This doubles the weak signal.

Differential amplifiers are used in medical instrumentation to detect very weak bioelectric signals in the presence of power line hum and other sources of external electrical interference. In a similar way, our brains were obviously built to operate on weak signals in the presence of strong external currents flowing through it.

This also means, then, that our brains can detect incredibly tiny signals. If neural networks operating as differential amplifiers are cascaded together, signals much weaker than one nanoampere could theoretically be detected.

Electronic differential amplifiers typically can detect signals 1/100,000th as strong as the surrounding signals. If we assume our biological differential amplifiers are only 1/100th as good, each stage in a chain could detect signals 1/1000 as strong as the prior stage. If a chain of just three such biocircuits were at work, they might detect currents as low as one trillionth of one trillionth of an ampere. This would be a trillion times weaker than the one nanoampere current levels we know operate our biocircuits. So our brains can probably detect signals far weaker than ever imagined.

In theory, thought waves sent by one person out into the earth's electric field could be received and detected in the brain of another person. This could well be the exact mechanism for mental telepathy. There is no doubt in this author's mind that such brain to brain communication is possible.

A humorous episode occurred one night when I was in bed with my wife. I was asking my wife if she could detect the presence of my finger held one inch away from a spot on her back. As I positioned my finger at various points on her back, my wife correctly identified the location of the finger. She reported it felt warm. She was obviously feeling the electrical current flowing through the electric field from my finger through her back.

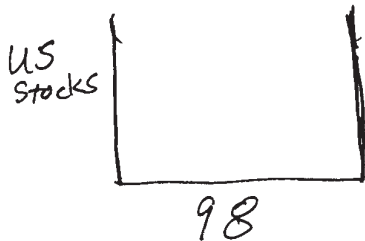
I decided to focus my brain on the color green, which Dr. Hunt reported was the color of healing. I thought I would try to soothe one of my wife's sore muscles. While I was doing so, my wife suddenly and spontaneously blurted out, "Caesar salad!"

Startled, I asked her why she said that. She could not explain. She obviously had received my image of the green in my head. Her brain sorted this color out and somehow felt compelled to describe what it saw, and out came the words, "Caesar salad!"

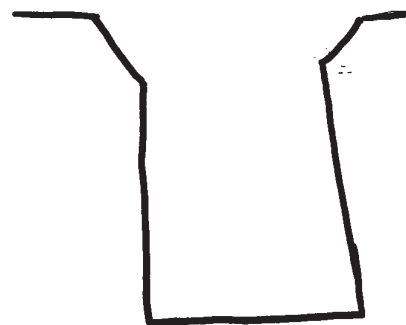
Of course, there are thousands and thousands of such reports. Many of them have been dismissed as hocus-pocus because we could not explain how mind-to-mind communication could work. But it does work, and it works through the earth's electric field and the brain's super-sensitivity to electric fields.

I believe this super sensitivity to signals carried by the earth's electric field is what lies behind Remote Viewing. This activity is well described in ***Remote Viewers: The Secret History of American's Psychic Spies***, by Jim Schnabel [SCH]. In this process, viewers were trained to visualize remote objects, given just a set of coordinate numbers. Many of the remote viewings were extremely accurate. One was a detailed drawing of a new Soviet nuclear submarine, supposedly hidden inside a large building.

An engineer friend of mine has become interested in remote viewing. He has taken courses in it from people who participated in the military activities. As a test, I made a sketch and asked him to remote view it. He was 20 miles away. The figure shows my sketch, and his sketch. They are amazingly close. This can only be possible if the brain is super sensitive, and has been trained to tune into the very weak signal from an object, carried to a brain over the earth's electric field.



TARGET FOR REMOTE VIEWER



SKETCH OF TARGET BY REMOTE VIEWER. ALSO GOT WORDS US STOCKS

The second interesting property of the brain's construction is that neural networks can loop back onto themselves. I have verified with a brain surgeon that such loops are extremely common. This leads to an insight into how the brain stores a thought. [MCN].

A thought is a circular flow of electrical current. As current flows around in a circle it builds up a magnetic torus, or doughnut, around it. As long as enough current flows through that part of the brain to overcome the losses encountered going around the loops, the thought will circulate endlessly in that part of the brain.

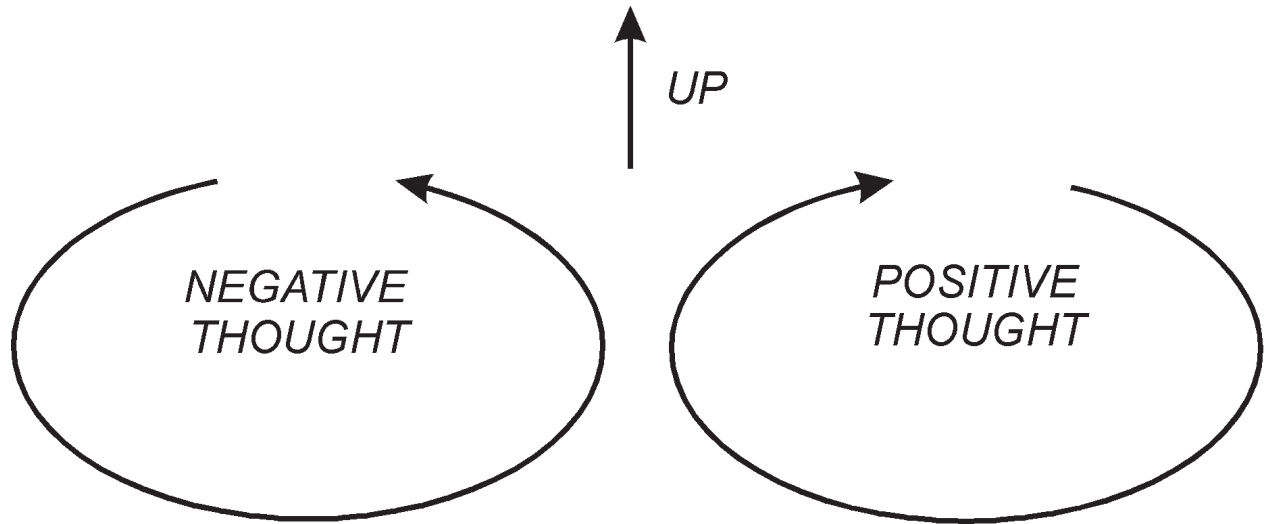
It is known that as a person grows and learns, the number of interconnections between their neurons increases. This is apparently because with each new thought the brain grows a tiny circuit loop in which to store it. The thoughts then form the electrical programming of our brain.

Further, the thoughts can flow either clockwise or counterclockwise. Recall that our life electric current is vertically upward through our brain. A positive thought would rotate around these vertical currents in a clockwise fashion viewed above. A negative thought would rotate in the opposite direction. A negative thought would, therefore, form a resistance to the natural flow of the currents. This resistance we would feel as some form of electrical stress in our system. We have labels for these feelings: anxiety, stress, depression, etc.

There have been thousands of books written about the importance and power of positive thinking. It is very clear that these books, by and large, are correct, and yet positive thinking has not been understood from a scientific standpoint. However, when we realize that the brain has these earth's currents flowing through it, positive thinking is recognized as the creation of many positive current loops, which increases the intensity of the current flowing through the body. This increased current nourishes our organs, reduces disease, and makes us feel healthier, happier, and wiser.

Not all of our thoughts are positive. As we go through life, each experience causes us to store an emotion containing what we thought about the experience. Emotions are electric currents. I believe that the stored thoughts record the intensity of electric currents associated with each particular experience. The stronger the current, the stronger the emotion. So every thought is a current stored in our head.

I have verified this with Owen's chain. I have found that it is possible to measure the polarity and the strength of a thought being held in focus in another person's head. This is done by placing my left hand on the person's forehead (crown chakra) and counting the rotations of the chain. Further, this can be done remotely over a telephone by holding the receiver in the left hand.



Thoughts are Electric Currents

Numerous experiments have been conducted asking the other person to hold either a negative or a positive thought in their head. The chain always accurately reports the energy polarity and magnitude. The polarity and magnitude did not change if the person were in the southern hemisphere. This is because the direction of rotation of electrical fields does not change with the geographic position on earth.

Dr. Roger Callahan is a respected psychiatrist with over 40 years of experience. He has developed a proprietary instrument which can measure the polarity of a person's thoughts using voice analysis. He has discovered that common phobias, which people may have had for years, are "psychological reversals." [CAL] What he has discovered is that phobias are strong negative current loops circulating in our brains.

Dr. Callahan developed a technique of treating these phobias which works in moments. The technique consists of tapping on the body with one hand, on particular points, while holding the thought of the phobia intensely in one's mind. This interrupts the electric field and then reconnects it, building up a resonance just like in a TV antenna. By using the positive current flowing through the human body, resonating it, and then focusing it on the negative thought, Dr. Callahan's technique erases the circulating negative current. The technique replaces it with a positive current. It is an outstanding use of the earth's electrical field.

Another technique, taught to me by one of Dr. Callahan's students, is to use one thought that is positive to erase one that is negative. If one focuses on a bad

experience or a bad thought and couples it with the phrase, “I deeply and profoundly respect myself,” one can build up enough positive energy to completely erase the negative thought. For example, suppose that one has a nasty argument with one’s boss. One would then focus intensely on saying, “Even though I had a flap with my boss, I deeply and profoundly respect myself. Even though I have a flap with my boss, I deeply and profoundly respect myself.”

By repeating that statement over and over and over the energy of the positive self-affirming thought overpowers the bad thought. Dr. Callahan and his students use this technique along with his analysis instrument to treat phobias over the telephone. I have experimented with using this technique both in person and over the phone, using Owen’s chain as a detector. As the person goes through the exercise, the chain rotates negatively, slows down, stops, and then spins positively as the thought erasure and replacement occurs.

This gives us a scientific method for erasing bad thoughts that were programmed into us by our life experiences. I have used this effectively in erasing bad feelings and bad emotions associated with three different careers, the raising of children, and the stresses of modern day life.

Students of the brain are aware of something called the reticular activating system. This is a system that allows us to recognize and find things if we believe they exist. The message is “If you believe it, you will see it.”

Our brain does this in a very simple fashion. When we imagine that we see something in our brain, our brain builds a neural network to represent and store that image. This is simply a set of loops with currents flowing in them that are tuned to the frequencies that the object would present. We call this an expectation.

When we create expectations we may say, “I don’t know what I am looking for, but I will know it when I see it”, or we may “have a goal in mind.” We are told to be very sure that “I know what I want.” When we do these things, we have set up a neural network as an electronic filter. When a signal comes in that is carrying modulation that matches those for which that neural network was trained, that neural network will generate an output voltage, indicating that the pattern is being matched.

We feel this voltage as a surge of current, one of excitement, and one of recognition. That is the eureka moment, when “I see it.” Observers of the human aura report an increase in the glow of the aura in such events. The aura expands broadly. This is because the neural network that is doing the recognition has decreased the resistance to the current flowing through the body. A decreased resistance increases the current flow through the body and out of the body, thus increasing the aura.

These expectation patterns that we hold in our brain, then, are **electrical filters** that control how we react to our environment. They are the key to sanity. These neural

recognition systems create voltages that tell us that what we are experiencing in our environment matches (positive voltage) or does not match (negative voltage) the expectation that we are holding in our heads.

We are experiencing electric currents, and those current patterns are being matched by electrical circuits. If there is a match, those circuits generate positive currents. We feel those currents as joy, happiness, and pleasure.

If there is not a match, the neural nets generate negative currents. We feel those negative currents as anxiety, stress, and fear. If our inputs match our expectation patterns, we feel comfortable. If they don't match, we feel uncomfortable and stressed out. ***So sanity is when the outside picture matches that which we have programmed our brain to expect.***

When our neural nets are achieving matches, there is no need to reprogram them. When they do not match the incoming information, we feel "the pain that proceeds progress." We have to reprogram our neural networks to make things better.

In most of life's situations we have had no control over how our neural networks were programmed. This leads to many cases of "negative programming." By reprogramming these thoughts, we can develop a "positive attitude." This is achieved by programming our neural networks so that no matter what comes over the incoming electrical field, it does not generate negative currents within us. This usually means developing a higher level of programming in which we have erased emotional programming about past painful issues. Doing this may make us seem a little detached, but leads to a great peace of mind.

Your brain can get into a state of "emotional lock up." This happens when a strong negative current builds up its magnetic field to such strength that it overrides and disables nearby positive thoughts and currents. Chemically, this negative energy flux causes the production of noradrenaline and other inhibitors to the electrical flow in the brain. Under these conditions humans will "...hunker down and hide" rather than attack a problem. The brain simply goes on stun.

It stays on stun until more positive currents restore the balance between the electrical thoughts circulating in the brain or until the negative thought is erased. If the negative thought is not erased, but is merely weakened, this lockup behavior can reoccur. This leads to what we call mental blocks.

A mental block comes from a negative thought which we would call a fear. The thought is stored in a neural network which will recognize the signal that matches that fear. When the neural network achieves a pattern match, it strongly amplifies the circulating current "fanning the flame." The increased strength of this negative thought can overpower positive thoughts that normally keep it in check. "We become gripped with fear." We may be paralyzed, unable to act.

The reason for these behaviors is simply that this is the way the electrical circuitry in our bodies works. There should be no social taboo associated with these behaviors. We all have them. ***All of us were programmed from childhood on by parents, friends, and teachers, who were often critical.*** In the process they implanted many negative thoughts in our brains. The correct stimulus to that brain can awaken old memories, re-igniting a fear which rationally is not even applicable to the current situation.

Many of our “mental problems” are being treated with chemicals. These chemicals restore better electrical conductivity to the brain. They do not necessarily have any impact upon the negative thoughts, so chemical treatments may improve a patient’s mental condition only temporarily. They have not addressed the root cause.

The energy fields created by the circulating thoughts in our heads are not correctly polarized. To fully recover from a mental disturbance, such as depression or a “nervous breakdown” one has to search one’s brain, find the negative thoughts, and erase them.

Of course, it is also extremely important that we eat the right foods. We need to especially have a healthy intake of magnesium and other trace minerals. Magnesium is especially important because it provides ions used in the cells throughout our body for electrical conduction. In the US and in many countries our soils have been leached of magnesium with the stripping of the old forests. Therefore, our foods cannot have sufficient magnesium. If they do, it is usually removed in food processing [PIE].

So to fix your head, you need to put the right stuff in your mouth, get lots of external positive energy by charging up with exercise, biocircuits, and entertainment. You need to test and fix your local environment to make certain that you are not being attacked by needless electronic interference. Finally, you need to reprogram the thoughts stored in your neural networks to make them positive.

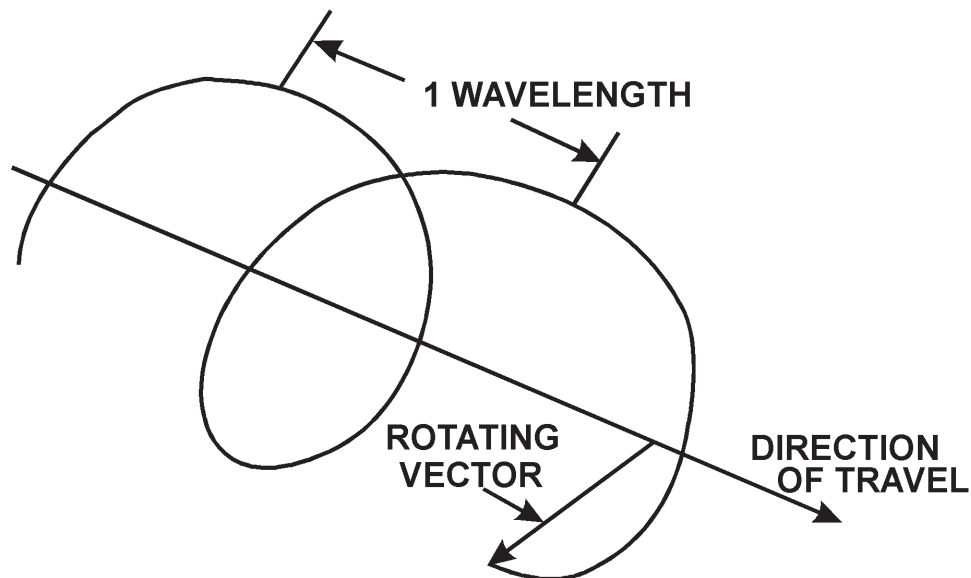
Each one of these things can be done using the knowledge of the earth’s electric field. Hopefully, this will become routine and well practiced. It all begins with understanding that we operate the most exotic electronic device in the universe - our human brain - in the earth’s electric field.

How Electric Waves Work

A few moments spent on a review of some basic properties of electromagnetic waves will help you understand the following chapters.

Two charges of opposite polarity, one plus and one minus, establish a force field between them. Force fields are one of the stranger concepts in physics. A force field is used to explain a force, whose action on a body, occurs at a distance. The cause of the force may not be immediately visible. Gravity is a force field. If we hold a ball above the earth and release it, a force pulls the ball to the ground. We cannot see this force field, but we know it is there by its effect. We call this the force of gravity.

Similarly, electric fields are force fields. Scientists tell us that these electric fields pervade all of space. The entire universe is filled with electric fields. These fields do not just sit there. They can be set in motion, creating waves like the waves in our sea. Electromagnetic waves travel in all directions out from their source. For example, a TV signal travels in all directions away from the transmitting antenna. As it does so, it spreads out over a larger and larger surface of a sphere. The energy in a given area gets increasingly weaker.



ELECTROMAGNETIC WAVE

One can visualize the spread of an electric field by thinking about a stone thrown into a pond. The point of impact is where the wave was launched. As the wave spreads

outward it creates circles of energy. These circles have peaks and valleys. As they spread outward they form a circular pattern.

Unlike the waves in a pond, though, electromagnetic waves rotate as they travel. Mathematically, scientists describe electromagnetic waves as if there were an arrow attached to a straight line in the direction of travel. The arrow is at 90 degrees to this line of travel. As the arrow moves in the direction of travel, it rotates. This creates a helical pattern.

The speed at which the arrow rotates is determined by the **frequency**, or rate of change, of the transmitting signal. In the pond the frequency is represented by the spacing between the rings in the circle. Technically, this spacing is called the **period** of the wave and the frequency is one divided by the period. A high frequency wave has a very small spacing between the rings. This arrow is rotating very fast. A low frequency signal has a wide spacing between the rings. This arrow is rotating slowly.

The frequency of electromagnetic waves can vary from zero to infinity. This frequency is measured in Hertz, or cycles per second. Cycle is a word derived from the same root as circle. It represents the number of circles per second drawn by the tip of a rotating arrow of the electromagnetic wave.

Frequencies are something with which we are familiar. Our hearing detects frequencies from 30 Hz to 20,000 Hz as sound. Our radios pick up AM transmissions in the frequency band of 550 kiloHertz to 1600 kiloHertz. Kilo is a suffix used in science to mean “multiply by one thousand.” The FM band on our radios reaches from 86 megahertz (MHz) to 109 MHz. Mega is a suffix used in science meaning “multiply by one million.”

As we move to higher frequencies, we encounter the frequencies of visual light. Light waves are electromagnetic waves. They operate at frequencies so high that scientists describe them by their period rather than by their wavelength. Even that is difficult because the distances are extremely short. A red laser beam operates on a wavelength of 850 nanometers. Nano is a suffix used in science meaning “divide by one trillion (1,000,000,000).”

As we move to higher frequencies still, we encounter the frequencies of electrons swirling around inside the atoms. So everything we know of in the universe operates at some particular set of frequencies in the electromagnetic spectrum.

The human heart beating at 84 pulses per minute is operating at a frequency of 1.4 Hz. This number may range from 1 to about 3 Hz. This heartbeat is controlled by an electrical signal which forces the muscle in the heart to contract. Notice that the 1.75 Hz electrical signal picked up by Owen’s chain is also in this frequency range.

Our brain also operates at relatively low frequencies. The Delta brainwave is at approximately 5 Hz. The delta brainwave is associated with sleep, healing, and detached awareness. A brainwave called the theta brainwave operates at 8 Hz. It is associated with a feeling of bliss. The alpha brainwave operates near 13 Hz. It is associated with relaxation, visualization, and creativity. The beta brainwave operates near 21 Hz and is associated with our normal waking state of alertness, concentration, and cognition. The high beta brainwave is near 34 Hz. It is associated with a state of stress and anxiety.

The sunrise/sunset energy injection frequency is at a frequency of 15 Hz. Recall that this is the frequency of electromagnetic waves that travel around the earth from sunrise to sunset. This energy pump operates on us as we move from our low frequency delta state, through our alpha state, to our awake beta state.

Notice in particular how the sunrise/sunset electromagnetic energy is at a frequency that is “turned into” by our brains. This is no accident. It is the way we were designed to work. The structure of the earth and the ionosphere have created a source of electromagnetic energy which feeds our bodies and especially our brains.

There are some interesting relationships between all these frequencies. Recall that electromagnetic waves can add their energies if they are at a frequency which is some integer ratio of each other. For example, seven waves of a beta brainwave at 21 Hz would be “harmonic” to one wave at 3 Hz ($3 \times 7 = 21$). Such a 3 Hz signal would add energy to the beta brainwave. This is the meaning of harmony.

One of the fundamental series of relationships found in nature that represents harmony is the Fibonacci series [VOR]. This series is formed by the number one and other numbers formed in the following manner. Add one to one to get two. That is the second number in the series. To form the rest of the series add the last two numbers together. One plus two equals three. Three plus two equals five. The series continues eight, thirteen, twenty-one, thirty-four, etc.

Notice that this series represents a series of integer ratios. A multitude of things in nature are found to fit this series [THO]. As this series progresses, one may take the ratio between the last two numbers. The ratio converges to the number 1.618. This has been called the “golden ratio.” It was widely used by the Greeks in architecture and has been studied throughout history.

Its power lies not in the magic of the number, 1.618, but in that it represents an integer series by which energies add together. Now recall the series of brain waves. They were at 5, 8, 13, 21, and 34 Hz. So it is obvious that our brains operate by the harmonic addition of energy.

Owen’s chain showed a very strong electromagnetic wave at 1.75 Hz. This represents an integer ratio of $7/4$ ths. My research has shown that the number seven deserves its

reputation of being very important. We have seven days in a week. Number seven is the most commonly mentioned number in the Bible.

The number four also shows up very strongly in nature. We have four seasons. We have four limbs. We have four directions - east, north, south, and west. So the ratio 7/4 represents a ratio, or division, of energy cycles into parts.

The frequencies tuned into by a physical object depends upon its size. Electromagnetic waves in free space travel at the speed of light, which is 300,000,000 meters per second. Sound waves in air travel at 331 meters per second. The tone, or frequency, produced by a guitar string depends on its length. Plucking a string one meter long will produce a sound wave at 331 Hz. An antenna one meter long will tune into an electrical signal of 330 MHz.

A metal guitar string could be both an antenna for electromagnetic waves and for sound waves. The ratio between the sound frequency and the electrical frequency that a device reacts to is 906,344 to 1. In round numbers this is a million to one ratio. ***This ratio gives all physical devices a unique property. They can react both to sound or mechanical vibration waves and to electromagnetic waves.***

Circular structures are particularly interesting. One could think of a circular structure as a guitar string wrapped back on itself. Remember that electromagnetic waves rotate as they propagate? Now imagine two electromagnetic waves traveling along the same path. Imagine that their frequencies form an integer ratio. The rotating arrows will line up with each other according to the integer. If the two waves have a frequency ratio of three to one, the fast wave will line up with the slow wave at every 120 degrees (one third of a circle) of rotation. When those rotating vectors line up, the energy adds together. This is the mechanism for the harmonic addition of the energy in rotating systems.

This has led to a very powerful concept of "sacred geometry." Sacred geometry treats the divisions of the circle as mysterious, mystical, holy things to be worshipped. There is nothing magic here. It is simply based upon the harmonics of energy addition.

The cycle of our day is divided into 24 hours. Remember the 15 Hz sunrise/sunset injection frequency and how it led to the 360 degrees in the circle? That led in turn to the 24 hours of the day. The 360 degrees divided by 15 degrees equals 24. This is another example of how the ancients had uncovered the mysteries of harmonic energy addition.

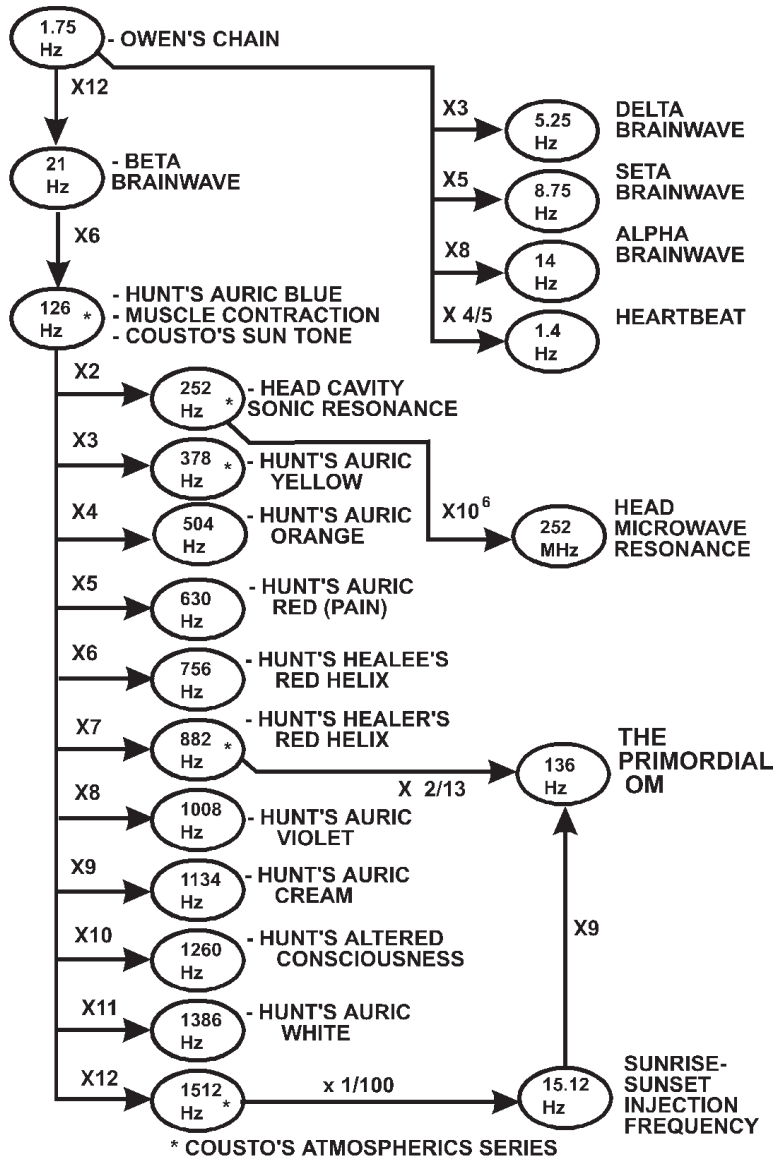
So in the study of energy fields we need to pay special attention to the harmonics, the relationship between frequencies. ***We also need to study the dimensions of physical objects and learn what sonic and electronic frequencies they can tune into.***

Take the human head as an example. The skull is a resonant cavity. An average skull might measure 22 centimeters front to back and 15 centimeters side to side. One could consider this a circle with an average diameter of about 19 centimeters. A wave traveling around the circumference of a 19 centimeter circle would resonate electronically at 250 MHz or to a sound frequency of about 250 Hz. Notice that this resonant frequency is extremely close to the 12th harmonic of the beta brainwave (21 Hz x 12 = 252 Hz).

The beta brainwave then seems to be a natural result of our brain's cavity. So not only is our earth built to supply us energy at the proper frequencies for our brainwaves, but our heads are built to tune into these energies, resonate them, and amplify them.

Dr. Valerie Hunt's careful measurement of the human energy field provides some interesting results. In her book, *Infinite Mind* [HUN], she presents an Exhibit 10 showing energy field spectrograms of a psychic healer and the person being healed. These recordings were taken simultaneously. These readings by Dr. Hunt, and others I

have computed form an interesting harmonic series in the human energy field.



HUMAN ENERGY FIELD HARMONIC STRUCTURE

The series starts with 1.75 Hz, the electrical signal measured by Owen's chain. Multiplied by 12 gives the 21 Hz beta brainwave. Multiplied again by 6 gives Hunt's blue muscle signal of 126 Hz. This is a very interesting number because a Swiss

scientist, Hans Cousto, has shown that this frequency is the “concert tone” of the sun [COU]. It pervades natural cycles.

One hundred twenty six multiplied again by two gives a 252 Hz resonant head cavity frequency. This also shows up in Hunt’s recordings as a blue muscle contraction frequency (The colors mentioned here are the colors seen by Hunt’s psychic healers).

This 126 Hz cycle, one half the head’s resonant frequency, forms an important base frequency. The 126 Hz frequency multiplied by 3 is a 378 Hz signal, which matches the yellow band in Hunt’s Exhibit 9. The 126 Hz multiplied by 4 equals 504 Hz, which matches the orange band. Multiplying 126 Hz by 5 gives the 630 Hz red band associated with pain.

The 126 Hz frequency multiplied by 6 gives 756 Hz, which is the frequency of the healee’s double red helix pattern in Hunt’s Exhibit 10. This is apparently the frequency at which the person being healed is receiving energy from the healer. Interestingly the healer is transmitting this signal 126 Hz higher at 882 Hz. This is the seventh harmonic of the 126 Hz base frequency. Somehow, in this healing process, the sixth and seventh harmonics are being used.

Hunt’s Exhibit 9 shows a violet line at 1,008 Hz which is the 8th harmonic of the 126 Hz base frequency. She shows a cream line at a frequency of 1,134 Hz associated with a higher level of consciousness. A complete state of altered consciousness is called white and is near a frequency of 1,260, which is 10 times the base frequency. This is shown in Hunt’s Exhibit 21. Hunt’s Exhibit 9 shows a white frequency near 1,386 or the 11th harmonic of 126 Hz. The 12th harmonic of 126 Hz is 1,512 Hz. Notice that this is almost exactly 100 times the frequency of the sunrise/sunset injection frequency. It is associated with a state of altered consciousness.

For thousands of years, people of India and Tibet have reported that they could hear a sound from the universe. This sound is called the **Primordial Om**. This tone was discovered through intuition and meditation. Some consider it the voice of God. It is widely use in chants, and is the “concert tone” for Indian music.

The real source of the Primordial Om sound is, however, the sunrise/sunset injection frequency. When this frequency is fit into the harmonic structure of the human energy field it is shown to be 15.12 Hz. This number when multiplied by nine becomes the 136 Hz Primordial Om tone. ***So the rotating earth itself is the generator of the Om sound.*** Cousto further points out that if the 136 Hz tone is divided by two 32 consecutive times the resulting cycle is the earth’s orbital cycle around the sun.

There is another link. In the figure, it is shown that the 882 Hz frequency being used by Hunt’s psychic healer ,when multiplied by 2 and divided by 13, equals the 136 Hz Primordial Om .

So in both of these ways the cosmic Om is linked to the physics of our environment and is transmitted to us through the earth's electric field. Is it any wonder that this tone has been held in such deep reverence? Later I will tell you about the first time I heard this magical tone.

This set of frequencies is also related to the frequencies of "atmospherics." Atmospherics are electrical discharges occurring constantly in the earth's atmosphere. A Swiss engineer, Hans Baumer, found that these discharges formed a harmonic frequency series. Cousto showed that this series could be transposed into the audible range [COU]. When that is done, the series comes very close to the series just shown. In the figure, the frequencies marked with an asterisk are very close to Cousto's atmospheric series. Interestingly, Baumer found that atmospherics were the source of chemical changes in proteins used in printing inks. Remember, we are made of protein.

It is clear from this harmonic structure that the energy field waves we experience are closely coupled to our physical environment, our own physical structure, and are governed by the laws of harmonic energy addition. ***We were designed to work in the earth's electric field.***

This harmonic structure can be affected by anything in our environment which produces frequencies that are similar. For example, our power line grid system operates at a frequency of 60 Hz in the US. The 2nd harmonic of this system is 120 Hz. That is extremely close to the 126 Hz base frequency of the series just described. This suggests that there is a strong coupling between our physiology and all the electrical equipment around us. Our bodies, including our brains, are tuned very close to the same frequencies.

There are also interesting effects caused by the million to one harmonic ratios formed in resonant cavities. A human head resonant at a sound frequency of 250 Hz is electrically resonant near 250 MHz. Energy at harmonics of 250 MHz could theoretically be detected directly by our brains.

Dr. Becker reports in ***The Body Electric*** [BEC2] military research that proved that a microwave signal near 147 MHz could be used as a carrier frequency to transmit a voice directly into a person's head. Sound added to this carrier frequency could be used to make this person believe that they were hearing voices. This was suggested as a tool for driving foreign leaders crazy.

This is probably one of the purposes behind the Soviet bombardment of the US embassy with microwaves. Nixon and his staff visited the Soviet Union in 1968. Members of the staff were so severely effected by the microwave radiation that they broke down and sobbed. Apparently the Soviets found out how to trigger the same reactions that Dr. Hunt triggered when her subjects had the electromagnetic field removed from their environment in the UCLA MU room.

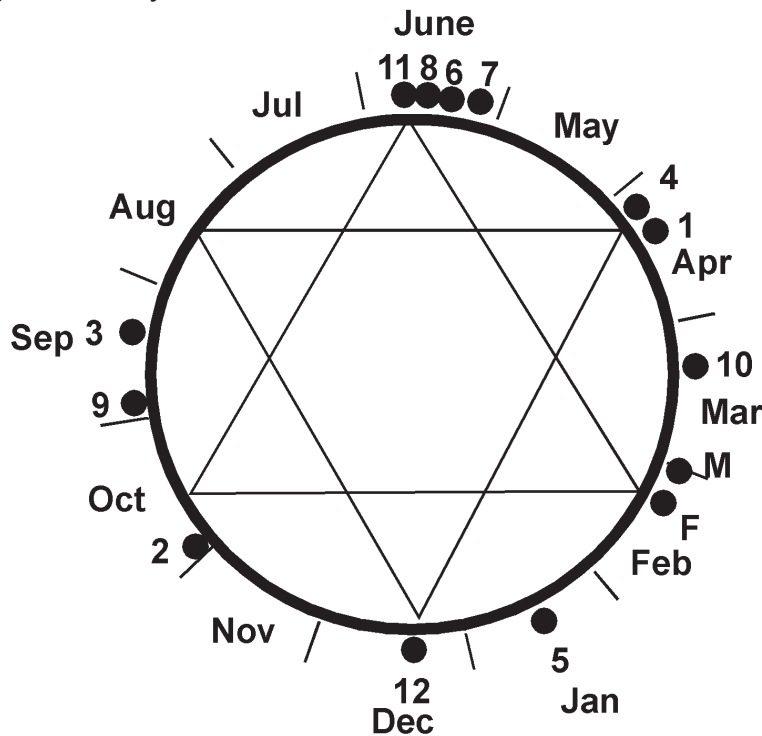
So how does this work? If we look at the harmonic ratios we find that 147 divided by 250 equals .588. This is very close to .60 which equals a harmonic ratio of 3 divided by 5. This is also very close to the inverse Fibonacci ratio of 1 divided by 1.618, which equals .618. So apparently this microwave penetration frequency is being tuned into by the human head acting as an electronic antenna. The energy is resonating inside the head exactly as it does in the microwave equipment used to generate the signal. The PN junctions in the skull bones then rectify the signal, detecting the sound modulation. The bone's piezoelectric properties then convert this sound signal into a mechanical vibration, which is detected in the ear.

This detour into the importance of harmonic energies prepares us to move on to another area. The area is a study of the harmonic energies that effect all of us from day to day. We are all effected by the earth's electromagnetic field. The field has many natural frequencies which are determined by the physical size of our planet. But the electromagnetic field formed by the ionosphere is created by the solar radiation. That solar radiation is not constant. The blobs of gas on the sun are swirled and stirred by the motions of the heavenly bodies. This leads to some interesting findings.

The Harmonics of Heaven

The month of May is Super Birthday Month in my family. Within an eight day period in late May and early June, we celebrate the birthday's of my wife, son, daughter, and godson.

This clustering of birthdays has been noticed in many families. It leads one to wonder if there is something magical, mystical or possibly physical, about these events. Such events can be studied simply by placing the dates around a circle. The circle represents the cycle of the year.



This figure shows my mother's family. This is a family of twelve children and two parents. Each person is represented by one of the fourteen dots around the circle. These dots form an interesting harmonic pattern.

The dots M & F in late February are the mother and father. Notice the cluster of dots at the top of the circle. Children number 6, 7, 8, and 11 were born 120 degrees (1/3 of the circle) away from the parents. Child number 2 was born 240 degrees away from the parents. These three points form a triangle within the circle. This represents the third harmonic.

Two times the third harmonic is the sixth harmonic. Child 1 was born 60 degrees ($360 \times 1/6$) away from the parents. So was child 4. Child 12 was born 300 ($360 \times 5/6$) degrees away from the parents. Child 8 is at a point 180 ($360 \times 3/6$) degrees from the parents.

Children 1, 4, and 12 form another triangle. These two overlapping triangles form a "Star of David." This harmonic pattern is so famous in ancient folklore that it is used in the flag of Israel and throughout the Hebrew religion.

The star accounts for nine of the twelve children. They were all born on points of the star. Child 10 was born 30 degrees away from the parents, which is a valley in the perimeter of the star. Child 3 and 9 also fit in the opposite valley of this star. These valleys represent the twelfth harmonic.

It is very clear from the study of this one family that families are the result of harmonic energy addition. In fact, the human gestation period of nine months is the $3/4$ harmonic of the year. Again, this is no accident. It is a consequence of the physical structure of our environment. This period resonates with ten (sidereal) lunar cycles. So the moon and the earth are harmonizing.

If families are formed by harmonic energy addition, what about an individual? The folklore of astrology says that this is true. This folklore has suffered greatly for the lack of a rational explanation of how it works. The July 1997 issue of *Life* magazine carried an article, "Starstruck," by Kenneth Miller [MIL]. The article is a review of the resurgence of astrology entering the New Age. The attitude of many is represented by the attitude of the editor whom Miller approached with the idea of doing an article on astrology.

"When I mentioned the idea to an editor I'll call Irving, he was outraged. 'Do you actually believe in this garbage?' he asked. 'I don't know,' I said. 'How can an educated person,' he snapped, 'at the end of the century that has produced more scientific knowledge than all previous centuries combined, contemplate blowing a hundred and fifty bucks on a load of superstitious piffle?' 'I don't know,' I said."

The problem with that point of view is spelled out very clearly in a 1984 article in *U.S. News and World Report* titled, "History teaches 'We don't know what we think we know'." [BOR] It is a discussion with Daniel Borsten, a noted historian, a former librarian of Congress. He won a Pulitzer for *The Americans: The Democratic Experience*. His book, *The Discoverers: A History of Man's Search to Know His World and Himself* was a bestseller. In his words,

"If there is a lesson for us in examining the history of discovery, it is that the increase of our knowledge and the increasing reverence for science may lead us to underestimate the amount of our ignorance. History reminds us that every supposedly complete discovery has been incomplete. Newton was adored for, at last, discovering the laws of

movement of the spheres and the earth. But Newton's work was not the ending; it was only a new beginning."

It's my finding that there is a great deal of validity to the ancient folklore of astrology. However, the knowledge of how to use it intelligently and correctly has suffered greatly in the translation over time. I have found that if one studies an astrological chart as a resonant cavity, and looks for the energy harmonics, that a great deal of information can be gained about what the planets are doing to the electromagnetic field, and therefore to us.

Planets act on our electromagnetic field in two ways. First they act directly on the sun to change its shape. Two planets on the same side of the sun distort the blob of gas towards one side. This imbalance creates a wobble in the blob of gas, creating swirls. These are the swirls that lead to sunspots, solar flares, and coronal holes. These all lead to the emission of electrical waves from the sun.

All these mechanisms affect the charged particles that the sun sends to earth. These are the charged particles that build up in our ionosphere, creating the voltage that causes the currents to flow through our bodies. So it is not surprising that planetary positions as seen from the sun (heliocentric) can be found in the records of man's activities.

As the planets move, they change the level of the sun's radiation. That changes the ionospheric voltage. That changes the currents through people. And that changes our behaviors. I have personally studied each part of this chain and found scientific correlations that are better than 200 times chance up to more than 10,000 chance. This mechanism is real, physical, and proven.

The second effect of the planets acts directly on our ionosphere. Each planet is part of the intergalactic electromagnetic field. Each interacts electrically with the charges in our ionosphere. These interactions are direct interactions of a shared electric field. The planetary positions as seen from the earth (geocentric) form electric flux lines between the earth and each planet, and our moon.

These electric flux lines represent the path of electromagnetic waves traveling between two bodies. It is known by scientists that each of the planets generates radio waves. Each acts as a transmitter of electromagnetic energy. These electromagnetic waves follow a direct path to earth. On encountering our ionosphere they interact with it. The point of impact of each of the waves from each of the planets causes waves to ripple through our ionosphere exactly as the waves in the pond ripple away from the point where a stone impacted.

These waves "modulate" our ionosphere. They therefore modify the electrical voltages that produce the currents that we humans feel.

When the planets reach certain positions about the sun or about the earth they can set up harmonic energy patterns. For example, four planets spaced 90 degrees apart would set up a fourth harmonic energy pattern on the sun or in the earth's ionosphere.

These patterns in the ionosphere are constantly changing with the motions of the planets. Similarly, the amount of radiation coming off of the sun that determines the voltage on our ionosphere, is constantly changing with the pattern of the planets. ***These two phenomena result in the patterns of the planets being impressed upon the electrical currents flowing through our bodies.*** These modulations show up in our behaviors, because our behaviors are controlled by our electric currents.

A further effect is contributed by our rotating earth. In each 24 hour period each person on the planet is rotated past each of the lines of flux which leads out to the other planets and the moon. Scientists tell us that a conducting material moved through an electromagnetic field will generate a voltage and a flow of current. So as the earth rotates, each of us is propelled past the points in the ionosphere effected by each of the planets. So every day, we receive electrical currents that are influenced by each of the planets.

These effects can be studied carefully and scientifically using a tool called a graphical ephemeris. A graphical ephemeris plots the positions of the planets around two circles. One circle represents the planetary positions as seen from the sun. This is called heliocentric. The other represents the planetary positions as seen from the earth. This is called geocentric.

The east side of the circle is zero degrees. This represents a point in the sky that astronomers call the Zero Point Of Aries. It is the point in the earth's orbit where the spring equinox (equal day and night) occurs.

The planets move counterclockwise around the circle from zero to 360 degrees. The top of the circle is 90 degrees, or north. The west side is 180 degrees. The bottom (south) is 270 degrees. Every thirty degrees around the circle represents one of the twelve signs of the zodiac.

Astrologers traditionally represent degree positions by giving first the sign of the zodiac and then the number of degrees within that sign. Scientists, however, simply use the positions as measured in degrees from the start of Aries. This degree measurement is adequate for the study of harmonic energy fields. Therefore it is what will be used in the remainder of this book.

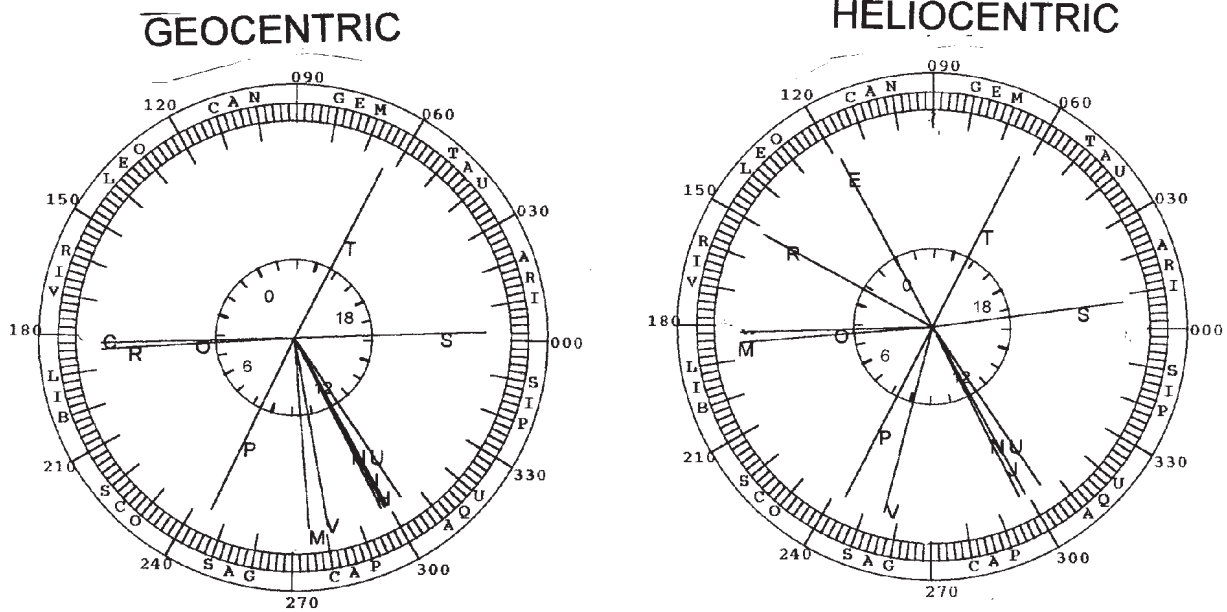
Our purpose here is not to repeat the ancient teachings of the folklore of astrology but to uncover a scientific basis for that folklore. Astrology is already recorded in hundreds and probably thousands of books. I have read dozens of astrology books [SUN] [PAR] [SEY]. I have found them useful, but the breakthroughs in my understanding of the

universe have come from studying how the planetary positions around the circle create harmonic patterns which cause energy to add together.

I do not use the ancient glyphs to represent the planets or the signs of the zodiac. These ancient glyphs were stylized pictures of the constellations and the gods associated by the ancients with the planets and the signs of the zodiac. Instead, I use a single letter for each of the planets. Mercury is M. V is Venus. E is Earth. H is the Sun (helio). Mars is R because M was already used for Mercury. J is Jupiter. S is Saturn. U is Uranus. N is Neptune. P is Pluto. The Moon is represented by the letter T for the Terrestrial Moon, meaning our Moon as opposed to, say, the Moons of Jupiter.

One additional “planet” that I track is the moon’s node. This is represented by the letter O since the N was already used for Neptune. The moon’s node position is a line formed by the intersection of the earth’s orbit and the moon’s orbit. All ancient astrology systems have found that this point acts as a high energy point, as if it were a planet. I have found that this is valid. The Chinese called the moon’s north node, where the moon is passing from south to north through the earth’s orbit, the Dragon’s Head. The south node they called the Dragon’s Tail. The node is so revered in Chinese astrology that it shows up in the patterns of the dragons seen in Chinese flags, ceremonies, and art.

In addition to the two large wheels, it is possible to add a small 24 hour clock to the ephemeris wheel by attaching the noon hour to the sun position. The small inner wheel permits the observation of events to within a few minutes. Of course this wheel is adjusted one hour if daylight savings time is being used.



Planetary Positions Jan. 18, 1997

For any point in time, these wheels give a picture of planetary positions and the harmonic energies that they will create on the sun's surface and in the earth's ionosphere. These points then set the harmonics of electrical signals that we will feel as human beings. When there are strong harmonic patterns, we will feel stronger currents. When the patterns are scattered inharmoniously, the currents will be lower and the waves in the earth's electric field will be less distinct. When the harmonic patterns are strong, the waves in the electric field cause strong peaks and valleys. As the earth rotates, we will feel those peaks and valleys as a change of currents that flow through our bodies. These changing currents will affect our emotions and our behaviors.

A study of these events is, therefore, a study of harmony. This in turn is a study of the divisions of the circle into whole numbered parts.

There is no event more harmonious than the conception and subsequent birth of a human being. The creation of life requires a very harmonious addition of energy. In fact, it requires such an intense concentration of energy that matter is congealed out of

space. It is beyond this book to explain this mechanism, but matter congealing out of space is a very common feature of advanced theories of physics [PEA].

The beginning of life begins with the meeting of a male and a female human. Under natural circumstances this is a very harmonious event. It begins with a courtship, which is frequently characterized by a strong electric attraction between the two people. As the energy of attraction builds, it resonates between the two people, adding more and more energy. This continues in the sex act, starting from simple caressing and kissing to the act itself, ending in a dramatic climax as the energy is released.

This release propels a fleet of sperm towards the females' eggs. But for even one sperm to reach the egg, the timing and harmony must be incredibly accurate. The odds of a sperm reaching an egg and penetrating it are approximately one in three trillion. ***These are the odds of you being born.*** To visualize one out of three trillion parts, imagine a stack of one dollar bills reaching from the earth to the moon. That stack of bills would represent three trillion dollars. Now, extract one bill from that stack. That bill is you. ***You are that miracle of conception - one in three trillion!*** For this event to occur at all requires immensely accurate harmony to cause the proper addition of energy. It truly is a miracle.

The act of conception, however, is just the initial stimulus. The egg resides in the resonant cavity of the womb. Within that cavity, the egg develops into a human in a nine month period. This nine month period is closely regulated by the cycles in the earth's electric field. Nine months represents a harmonious combination of ten lunar cycles with nine solar months. So the gestation period itself is a harmonious combination of solar and lunar cycles.

During the gestation period, as the new being is formed, its cycles are a mix of its own and those of the mother. However, at the moment of birth that stops. When the umbilical cord is cut, all flow of blood and hormones between the mother and the child ceases. At that instant in time the child's energy of formation is captured in a snapshot of time. This one instant characterizes the energies that brought the child into the world. ***They capture forever the energy pattern of creation of that independent life.***

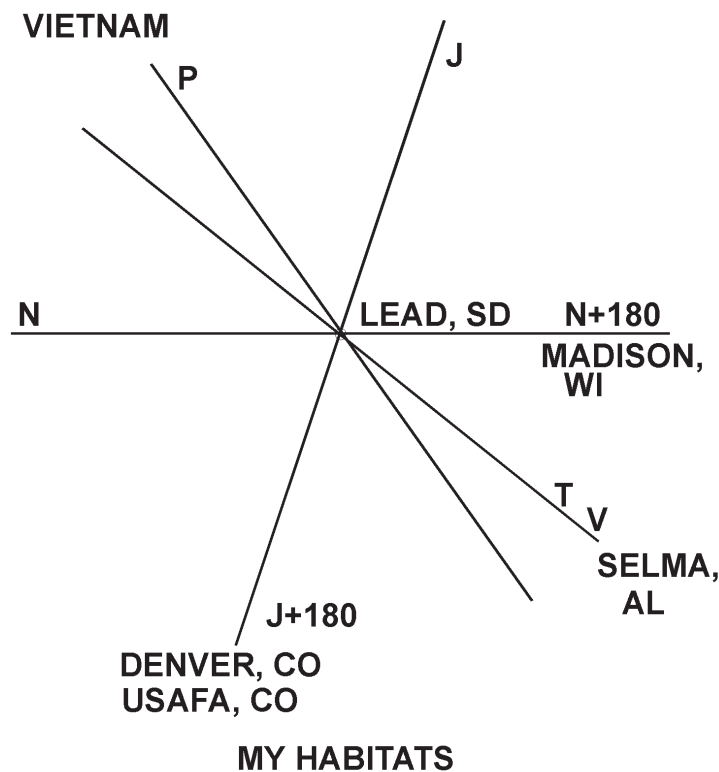
These energies are a combination of electric fields of the earth, the moon, the sun, and all the planets. At the moment of birth these electric fields were arriving as electric waves from different directions. Both the direction and the frequency of these waves was critical to the formation of the human. Therefore, it is not surprising that this has been noted and studied for thousands of years. Astrologers routinely draw the pattern of the planets around a circle at the time of birth. From this natal chart they make interpretations about the personality of the person and about their life events.

I think of this natal chart pattern as each individual's "natal antenna." It is as if the lines from the center of the circle, which represents the person, were wires extending in the directions of the planets at the time of birth. Through various studies, I have determined

that this natal antenna moves with the person as they move on the earth. It is apparently maintained in orientation by the earth's magnetic field. The north on this antenna remains orientated towards the north pole.

I have found that these spokes of the natal antenna represent directions from which the person will feel harmonious energy. Whenever planets pass one of these antenna spokes, the person will receive energy along that spoke of the natal antenna. If the natal antenna contains particularly strong harmonic patterns, such as dividing the circle into three equal parts (a Grand Trine), these incoming energies can add harmoniously at the center of the antenna. If three such located spokes are aligned with planets at the same time, the energies will add harmoniously, and the person will feel an increase in the flow of electricity.

This, then, makes each individual a very specialized "radio receiver." Not only is each individual tuned to receive on certain frequencies, but they are also tuned to receive signals from particular directions. Receipt of multiple signals can lead to the harmonious addition of energy. Then, if this energy is periodically reinforced, a resonance of energy can build up.



One of the more convincing examples of the natal antenna is my own habitats around the world. I discovered that if I placed my natal antenna on my place of birth, that every

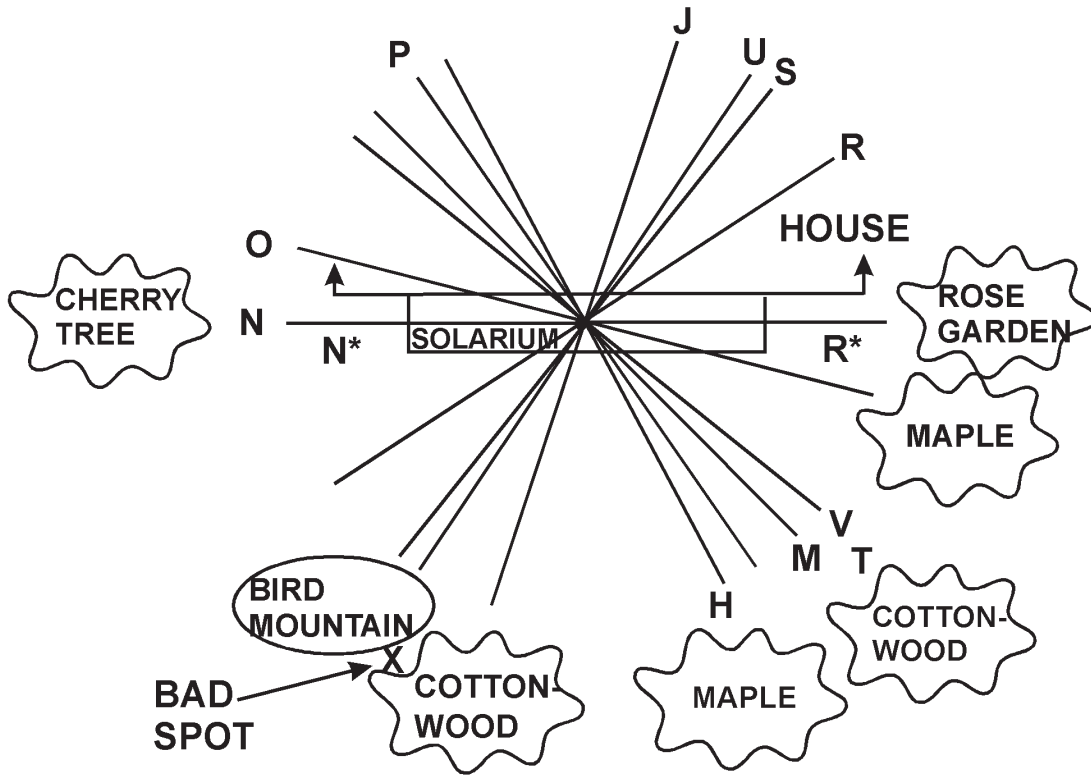
place that I had lived for more than one week fell on one of the spokes. I was born in South Dakota, which is the center of the natal antenna shown in the figure. Each place of abode is indicated by a labeled dot, such as Selma, Alabama; Madison, Wisconsin; or Denver, Colorado.

Note my Pluto spoke. It crosses over the globe into Vietnam, where I spent a year flying combat missions. The spoke will become important in a later discussion of nightmares, depression, and post traumatic stress syndrome.

An astrologer friend of mine told me that she found the same pattern on a smaller scale. She placed her natal antenna pattern on a map of her city. She found that the places that she frequented and the homes of all of her friends fell on the spokes of her natal antenna. Both this astrologer and I are both sensitive individuals. We feel our way through life. Other individuals may not have as good a correlation with their natal antennas.

The ancient Chinese practice of Feng Shui is the art of placing objects in a position harmonious to the individual [KWO]. This practice uses a wheel divided into the signs of the zodiac. Based on the person's birth sign, a sensitive spot on the wheel is located. The wheel is then aligned with the earth's magnetic field. Harmonic positions are then read off the wheel. Objects placed in these positions will feel harmonious to the individual.

Remember my back yard, and the tree that would not grow? Feng Shui would have told me where it would grow. In fact, when I studied my back yard using my natal antenna, rather than the cruder Feng Shui wheel, I found that all the plants and a bird bath complex (Bird Mountain) were harmoniously placed on spokes of my natal antenna. When I step out my door and view the back yard, everything is in harmony. Further, the yard is also harmonious with my wife's natal antenna.



BACKYARD HARMONY

It appears that sensitive individuals will move to points on the earth where they are receiving harmonious energy, based upon the design of their natal antenna. The natal antenna, then, is the key to understanding how the earth's electric field shapes our lives and the events of our lives.

Sudden Impulses

Have you ever had the sudden impulse to call a friend? And when you called them they said “I was just thinking of you?” This is a very common event. It usually puzzles the participants. They may later remember it as a strange, unsolved mystery. But usually we just forget about the event and go on with our busy lives.

These are the sort of events that true scientists notice. These “accidental” events are not accidental at all. I have found that there is a distinct pattern to these events which completely explains their occurrence.

The pattern is seen by taking a map and placing the natal antenna patterns of each person at their location on the map. Then one looks at the pattern.

The first thing one finds is that between the two people there will be a pair of natal antenna spokes pointing approximately along a line drawn between the two locations. That creates a sensitivity to the transmission path.

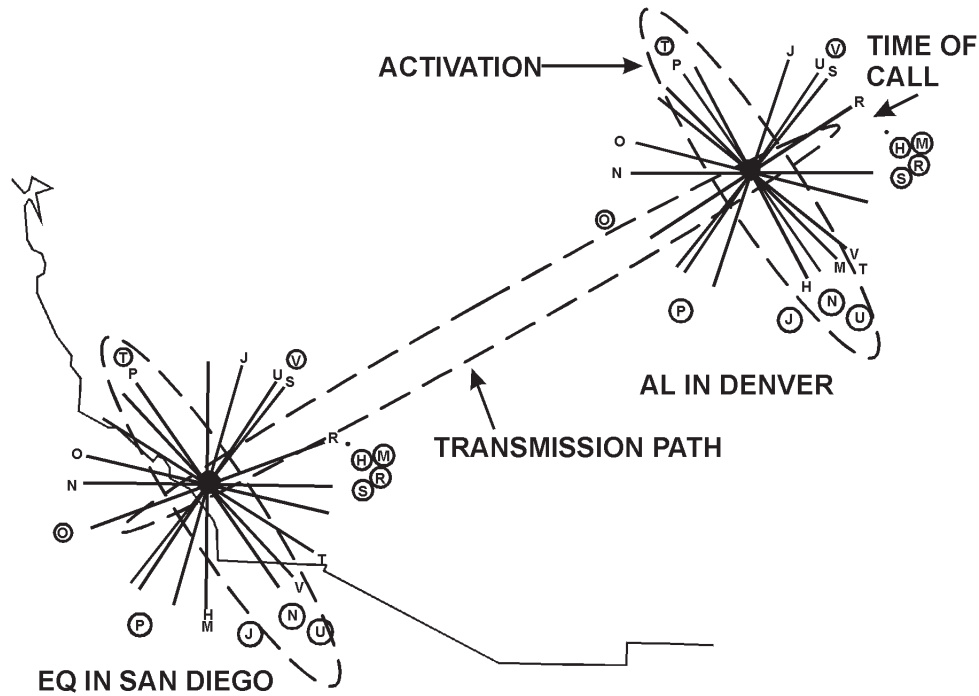
The second element of a sudden impulse pattern is that the current planets trigger energy flow along this transmission path. I have found three situations. The first and most prevalent situation is the Moon, Mercury or Venus lining up directly with the path. The second most common condition is one of these three planets, or occasionally one of the other planets, being 90 degrees to the path. This situation apparently creates a “broadside” transmission along the path. The third condition I have found are planetary alignments which are harmonic to the path by being separated by multiples of 15 degrees. These three situations may all be present in one sudden impulse event.

The third element is that both people are being energized by the current planets. This means that the current planets have lined up along one or more of the spokes of their natal antennas. Astrologers call these alignments conjunction and opposition. I think of each spoke on the antenna simply as a wire. A planet positioned at either end can transmit energy along the wire. These passages are called “transits.”

The fourth and final element is that the rotating earth, at the time of a sudden impulse, turns one or both of the people in such a position as to maximize the energy from the current planets. This shows up in the pattern as a line from the center of each circle to the time on the ephemeris clockwheel at the time of communication.

An example of a sudden impulse is shown in the next figure. This figure is redrawn from the researcher’s standard graphical ephemeris output to make it clearer. The natal planetary positions are shown as lines out from the center, labeled with the planetary letters. This makes each natal antenna look like a set of wires. The current planets are shown as circled letters. One can visualize them as the moving planets.

A professional colleague of mine suddenly called me with an important piece of information on March 29th, 1996. This colleague, EQ, lives in San Diego. I live in Denver. In the figure, EQ's natal antenna is pasted on San Diego, mine (AL) is pasted on Denver. A line between the two points passes through the natal MaRs spokes of both natal antennas. That established the transmission path. When the Moon(T) moved 90 degrees to that path, it activated the path. The call came at 1:20 P.M., as the Earth rotated us to line up with the path. The path was also being transited by the moon's nOde. Both parties had heavy energy flows in their natal antennas. The Moon (T), Jupiter, Neptune, and Uranus were transiting EQ's natal Pluto and Venus. Current Venus and Pluto were transiting EQ's natal Uranus and Saturn. Current Saturn, MaRs, Sun (H), and Mercury were transiting EQ's natal Neptune.



SUDDEN IMPULSE ON THE COSMIC INTERNET

My natal antenna also had Venus and Pluto transiting natal Uranus and Saturn. Current Saturn, Mars, Sun (H), and Mercury were transmitting natal Neptune. My antenna was also picking up the energy from Jupiter, Neptune, Uranus, and the Moon (T) transiting natal Pluto and Sun (H). The call was very cordial and lasted about twenty minutes. When the Earth rotated us away from the transmission path, the call ended.

So all elements of a sudden impulse connection were present. This sudden call from someone who only calls occasionally was no accident. What was happening was that the earth's electric field was being conditioned by the planetary fields to conduct electric currents between the two parties. This conduction was such that both parties were

tuned to the same channel at the same time. It is a natural phenomena that has existed for ages.

We all feel these sudden impulses. These impulses show up as mental “connection points.” ***This clearly illustrates that we are all telephones hooked up to a cosmic connection switchboard.*** The cosmic switchboard systematically connects us! God, Fate, or Destiny is making our connections. We just didn’t know why our phones suddenly rang. Now we do. Sudden impulses are the mechanism that intermittently connects two brains located at different points on the globe.

Sudden impulses probably connect us subconsciously to many other people on the globe, where mind-to-mind communication takes place without a physical phone call. Perhaps this is the cause of simultaneous inventions, clairvoyance, and mental telepathy. Together, our energy fields are linked into one Universal Mind by sudden impulses.

I have examined dozens of such sudden impulse calls. I have also noted the time of calls placing orders to my small business. I have found these four elements present in all of these sudden impulses.

Connections also show up in other activities. I discovered sudden impulses while trying to understand why nightmares about Vietnam were occurring 26 years after the event. I served as a forward air controller in Vietnam, flying 426 combat missions. After returning to the states I went on to graduate school, followed by careers in teaching and engineering.

For 26 years there was not a hint of any post traumatic stress. Then suddenly in a ten day period I started having dreams about Vietnam. Seven nights I could not sleep at all. The other three nights I slept very fitfully. I collapsed from exhaustion. I sought help from the mental health department of my HMO. The doctors placed me on Prozac and told me to come back in a month. The drug allowed me to sleep.

In a month I felt physically much better, but I had many, many questions. When I returned to visit the psychiatrist, I asked, “What causes these nightmares?” “I don’t know,” said the psychiatrist. “What’s my prognosis for getting off this drug?” “It varies. What do you think?” “Why would these nightmares suddenly show up 26 years after the event?” “I don’t know. Sometimes they do that.”

None of these answers satisfied my trained engineer’s mind. They lacked precision. ***Driving home I realized that the psychiatrist was no more knowledgeable about these events than I was. He was an unconscious competent.*** He knows how to do something, such as treat the symptoms, but he doesn’t know why the treatment works. That was not enough for me. My karma is “Why?” I have always been driven to raise my understanding to the conscious competent level, so that whatever I was doing I knew why it worked, so I could do it better.

Fortunately, I always keep detailed notes of events. I had done so for each of the nightmares that woke me up. I decided to study the nightmares as Sudden Impulses. I discovered all of the nightmares were sudden impulses along my natal Pluto path, which extended over the globe to Vietnam. They came at precise times, as the earth rotated me under this path. As the Moon, Mercury, and Venus transited this path the nightmares occurred.

This path also contains my natal Sun, so it represents my own "Life Axis." Apparently, these Sudden Impulses connected me not to another person, but to myself in another point in time. Somehow my activities in Vietnam left some form of energy recordings, perhaps as minor changes in the local electromagnetic field.

It was very clear - my nightmares were coming from cosmic connections. It was as if the Earth, itself, was a huge floppy disk and the cosmic connection mechanism connected a read head across the globe to my brain. At least this answer made more sense than the psychiatrist's.

A few months later I got confirmation of my analysis. One night I suddenly had a very detailed dream of being in a cave with a number of survivors of the German Holocaust. Each of these survivors was standing near a table on which they had a display of Holocaust momentos. I was visiting each display, chatting with the survivors. This was strange because although I was well aware of the Holocaust, it was not something that I personally felt any great emotions about. It had never touched my life directly.

When I checked out this event, I found that my natal Mars spoke went over the top of the globe into Germany. As the Moon crossed that spoke I was somehow connected to the emotions surrounding a celebration in Germany of the 50th anniversary of the opening of Auchwitz. No doubt this celebration was generating a great deal of electromagnetic energy, thereby affecting the earth's electric field. My brain, through my natal antenna, picked up the event.

Dreams are often forms of Sudden Impulses. That explains why we may dream about someone, call them, and find out that something special was going on in their lives. ***It is the Cosmic Internet at work. It just keeps connecting us.***

A good example is my cosmic puppy, Ace. My wife and I have raised five cocker spaniels. The first four bonded with my wife, always leaving me feeling a little bit left out. The fifth one, a male named Chip, bonded to me. It was a strong and glorious bond. It was painfully broken when Chip died suddenly of auto-immune hemolytic anemia.

I became quite sad and depressed. For months I was not sure I wanted another dog. Then one Sunday, my wife suddenly announced she had found a dog advertised in the paper, and wanted to drive to a city 30 miles away to look it. I insisted I still did not want

a dog, but when I saw the litter, I looked at one particular puppy and said, "I want that one." That was Ace.

Ace was the perfect anecdote for depression. Ace is a bundle of constant energy and smarter than many people. He constantly delights me, family, and friends with his antics and his enthusiasm for life. He is a jewel.

This sudden impulse to buy a puppy 30 miles away was, as you may have guessed, cosmically driven. It was another classic Sudden Impulse. The line between me and the puppy 30 miles away lies on my Ascendant, which is occupied by my natal Jupiter. The Moon was transiting this line of connection. The visit to see the puppy came as the Earth rotated the Sun along this path. My natal antenna was receiving energy on *all* of its spokes. Ace's natal antenna was similarly receiving a burst of energy. So the bond between man and beast was made in the heavens. Ace is my cosmic puppy.

In another Sudden Impulse case, my wife came home from work one day with a strange tale. Late in the day she called a coworker, Bobbi. Bobbi had left for the day. When my wife got no answer at Bobbi's office and hung up, Bobbi suddenly called her on her cellular phone as she was driving home. She said, "Did you just call me?" Surprised, my wife said, "Yes! But how did you know?" Another sudden impulse and another cosmic connection.

When this one was examined, it was found that the communication path between the two was along the natal Venus axis of both parties. The path was being activated by the Moon aligning with the path, along with Jupiter. Ninety degrees to the path, my wife's natal Moon was being transited by the Moon's node and Saturn. This ninety degree orientation of Moon, Node, Jupiter, Saturn, of course, forms a fourth harmonic at my wife's antenna. Both my wife and Bobbi were receiving high energy in their natal antennas. My wife's antenna was receiving energy on ten of its eleven spokes. Bobbi's antenna was receiving energy on seven of her eleven spokes. At the time of the spontaneous connection, the Earth had rotated to place the Sun on the only natal spoke that was not being activated in my wife's antenna, the Moon's node. That sparked the connection.

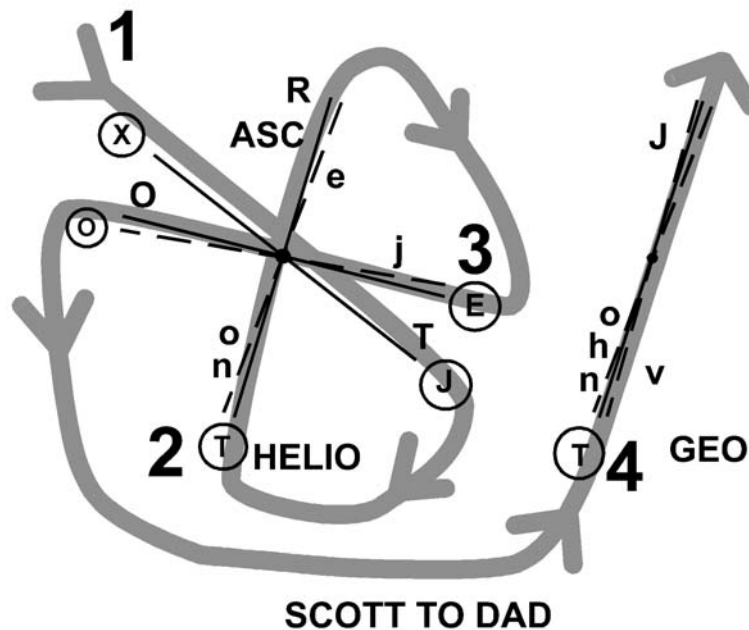
So what appeared to mental telepathy was a Sudden Impulse. Apparently this cosmic connection mechanism sets up a low resistance in the Earth's environment, causing the signals in one brain to be carried by the Earth's electric field to the other brain.

Sudden Impulses may even connect you with someone who has died. I experienced one sudden impulse that left me awestruck. My son Scott was born severely retarded. He died at the early age of 21. At the time of his death, he was in institutional care. Because of the institution's regulations, a marker could not be placed on Scott's grave at the time of burial. But the family could add one later, which I intended to do.

That matter fell onto my always long “to do” list, and never seemed to boil to a high enough priority to get done. Then suddenly one morning, without planning to do so, I picked up the phone and ordered the marker. Afterwards, I realized that this was a Sudden Impulse. So I looked at Scott’s chart and mine. Since Scott was not “here,” I overlaid the two natal antennas. I also found that the action was not just in the geocentric (earth centered) chart, but also in the heliocentric chart. I treat the heliocentric chart as a second natal antenna. The figure shows the two charts.

The action is shown in numbered steps. It starts in the helio chart and flows to the geo chart. The solid lines and the outer capital letters are my natal antenna. The dotted lines and the inner small letters are Scott’s natal antenna. The current planets are shown around the outside as circled letters.

1. At 11:50 AM, the rotating earth (circled **X**) lined me up with current Jupiter (circled **J**) transiting my natal Moon (**T**).



2. This activation of my natal moon (**T**) linked to current Moon (circled **T**), which was transiting Scott’s natal Earth (**e** - represents Scott), lined up with my Ascendant (**ASC**) and natal Mars (**R** - impulsive action).

3. This activation of Scott’s Earth linked to current Earth (circled **E** - me) opposite current Node (circled **O**), which was transiting my natal Node (**O**). The node is

associated by astrologers with past life connections. Here is seemed to be part of a connection “to the other side.” This also lined up with Scott’s natal Jupiter (**j** - father).

4. This activation of my Node (**O**) linked to Scott’s Node (**o**) in the geo chart. It was being transited by current Moon (circle **T**) , directly aligned with my natal Jupiter (**J**). It also lined up with Scott’s natal Sun (**h**), Neptune (**n**), and Venus (**v**).

This was clearly not a random event. It was like I got a phone call from Scott, saying, “Hey, Dad. How about that marker?” You can imagine that this Sudden Impulse shook up my belief system a bit. It was very clear that even though Scott was physically gone, his energy field (soul?) was still present and making phone calls on the Cosmic Internet.

This pattern of sudden impulse connections depends, of course, upon precise timing of the motion of the various planets as well as the rotation of the Earth. This means that no one can permanently establish a connection with someone else. The connections will come and go with the motions of the planets. This is probably why such events have not been well addressed by science. They seem to be random. They don’t seem to be repeatable, and therefore they must be luck. Science requires that experiments be repeatable. My finding is that these phenomena do repeat, but how and when they repeat requires very careful study. My hope is that with the explanation of this mechanism, other such events will be verified by readers.

Your Joy-Gloom Curve, Creativity, and Chaos

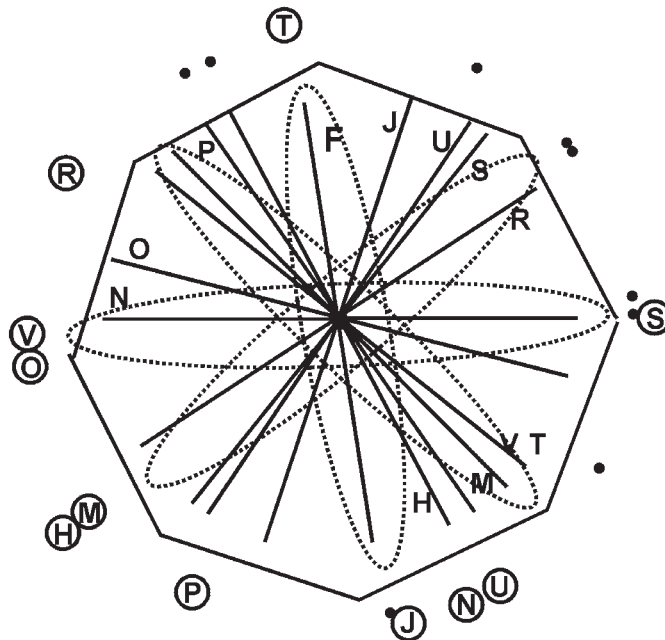
The natal antenna is also involved in creativity, in a way similar to Sudden Impulses. I hold six patents, evidence of my ability to produce original ideas. But as most inventors know, there are times when ideas won't come at all, and times when they suddenly burst into one's head with startling clarity and completeness. I have found that these flashes of brilliance, moments of insight, or great inspirations are all stimulated by the earth's electromagnetic field as it feeds energy into my natal antenna.

I do original research into the nature of stock and commodity markets. I have found that these markets are driven by the earth's electromagnetic fields, and that price motions in these markets form patterns which can be attributed to the waves in the electromagnetic field. As I have researched these patterns over the years, I have found that two to four times per year, I will receive a sudden insight, leading to a major discovery. I have noted many of these events and studied them as Sudden Impulses.

During the discovery, I feel a great surge of energy, and a sudden flow of information. I have learned that no matter what time of the day or night this flow starts, I have one duty. Write it down. It is like taking dictation from God. Others have reported this feeling.

When these events are studied, I find that they always involve a harmonic pattern set up in my natal antenna, with strong energy on my Creativity Axis. That axis is formed by a cluster of three planets in my chart - Mercury, Venus, and Moon. By examining the natal antennas of a number of Bell Laboratories inventors and engineers, I have found that highly creative people usually have Mercury and Moon, and frequently Venus, in alignment.

The figure shows my natal antenna at the time of one discovery. That was the discovery of a chaos pattern called The Fractal Of Pi. The figure shows that the planets had set up a strong eighth harmonic resonance, activating my natal antenna. Since this was a business related discovery, it is not surprising to find that Moon and Jupiter were transiting my Arabic Point of Fortune. While Mars was transiting this Creativity Axis, Venus, Saturn, and the Node were transiting natal Neptune. Sun and Mercury were transiting natal Mars and my mid-heaven. Pluto was transiting natal Uranus and Saturn. Neptune and Uranus were transiting natal Sun and Pluto. So nine of the eleven spokes in my natal antenna were receiving harmonic energy.



HARMONICS OF A DISCOVERY

That energy burst lasted nearly 24 hours, at the end of which I had a stack of notes detailing a new discovery. After such events, the energy letdown feels like a hangover. I have learned to expect this, and to rest for a few days following each discovery.

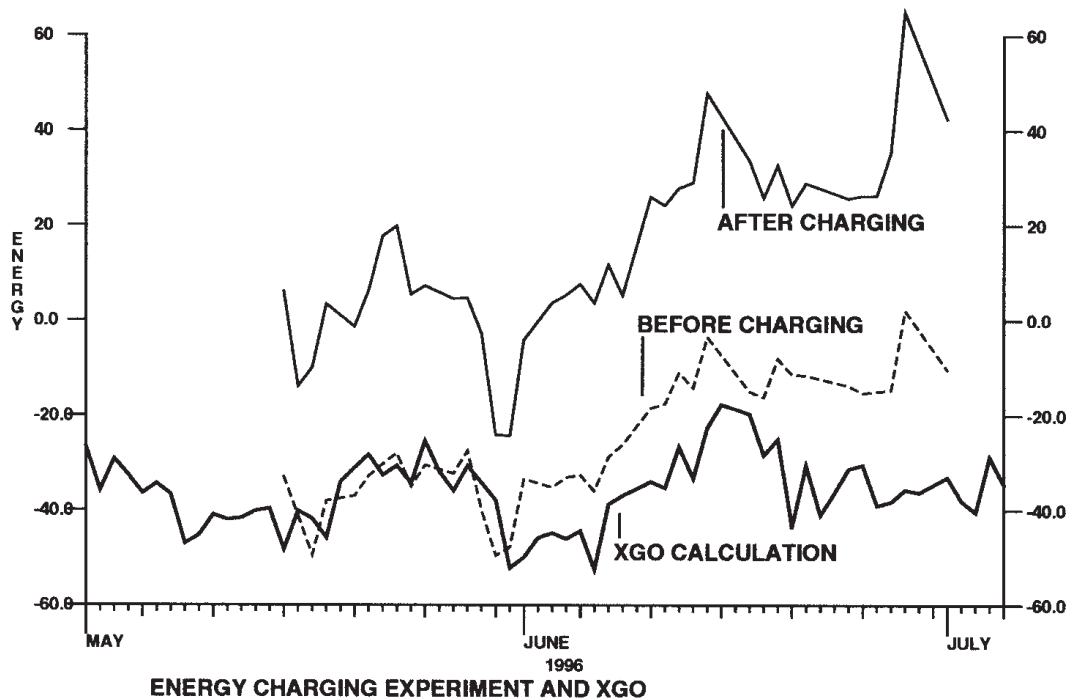
This may explain why most people think inventors are a little bit crazy. They seem to be quiet, introverted, reflective people much of the time. Then suddenly they become very outgoing and exuberant, announcing that they have just made a great discovery. They have just invented the solution to the world's problems. This is the response to the huge surge of electrical energy that they feel during an invention.

All creative people probably experience this same phenomena. I am relatively confident that musical composers, poets, play writers, novelists, and other creative people have their creations timed by the cosmic connection patterns sending energy into their natal antenna through the earth's electric field. The harmonies heard by the great composers of classical music are probably the harmonies of the energy fields themselves.

This tells us one thing. Since each person's creation was a harmonious event, each natal antenna has a particular harmonic pattern to which it will resonate. When properly stimulated, this antenna will convert the energies to creative ideas. So everyone has some measure of creativity within them. Learning to use it is a matter of training. As we have just shown, it is also a matter of timing, harmony, and resonance.

Earlier in this book I showed a chart of how I used a biocircuit to increase my natural energy. That chart showed two lines. One line was the energy before doing the charging exercise. The second line was the energy after doing the charging exercise.

When the experiment was done there was also a third line. That line was a theoretical mathematical calculation of the energy being received from the earth's electric field by my natal antenna. This theoretical calculation is called XGO. It is a byproduct of my market work. It was named XGO because whichever way this energy line goes, market or person X tends to go. This calculation applies to markets and to people. In markets I uses it for forecasting the rallies and declines of prices. In individuals it can be used to forecast the rallies and declines in one's personal energy.



The nature of the XGO curve is that it is at a low when a lot of energy is being received over the antenna. It is, therefore, a measure of the energy being received from the universe by the individual. The value has a negative sign because this is a reverse flow of energy with respect to the individual. It is the electrical input. The output is the individual's energy. In the charging experiment, you will recall that I was using a dowsing chain for the measurements. One of the obvious questions is whether or not this dowsing chain is a valid measuring tool.

As shown in the figure, this dowsing chain made measurements which followed the theoretical XGO curve almost exactly. This validated **both** the XGO theoretical

calculation and the dowsing chain. There is no way they could agree this well unless they were both valid.

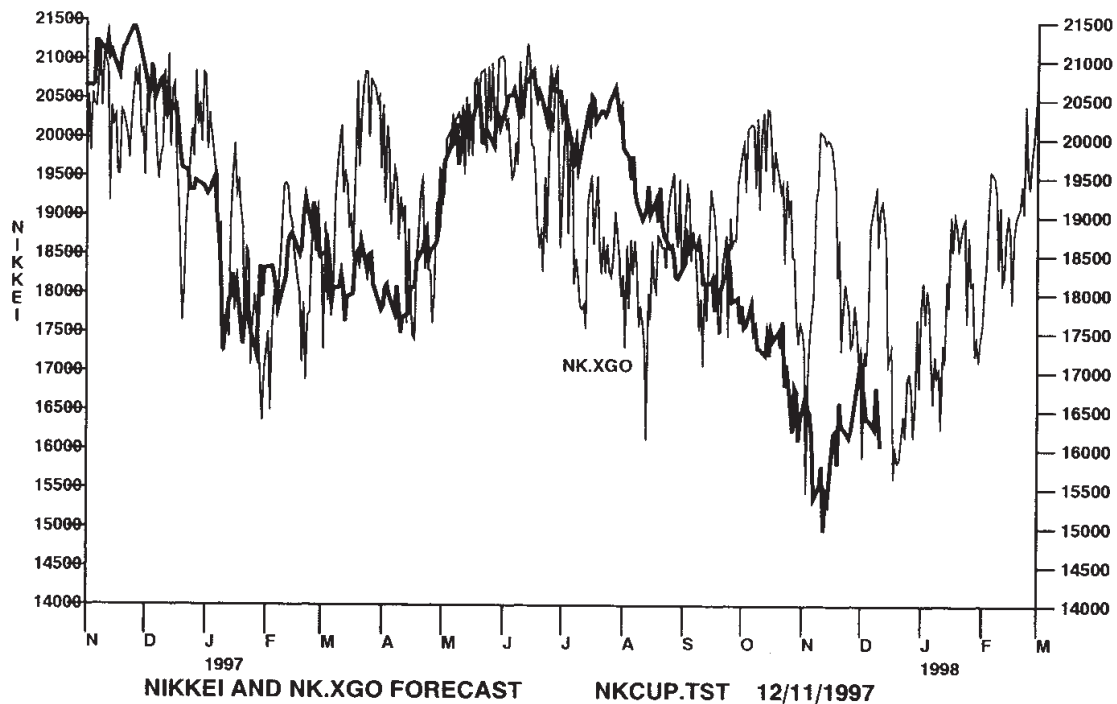
This energy elevation experiment, then, proved three things:

1. The XGO theoretical calculation of energy being received on an individual or a market's natal antenna was valid.
2. The dowsing chain, as developed as a measuring device by Mr. Owen Lehto, gives a valid measure of electrical charge being received by the individual or market.
3. The biocircuit does increase the energy being received by the individual.

This is a simple experiment which has been verified by two other individuals and can be verified by others.

Theories are like plumbing. If the joints are tight, they don't leak. This experiment verifies that the theory of the earth's electric field affecting human energies is good plumbing. It does not leak.

I have repeatedly observed the validity of the XGO formula in markets. While the energy input into a market is not the same as the price in that market, price does tend to respond to the input. Price, of course, is the output of that market as it processes this energy input. Therefore, XGO will never be a perfect forecast of markets. Just how good it can be, though, is shown in this figure. The heavy line in the figure is the Nikkei index for the Japanese stock market. The light line is the XGO forecast.



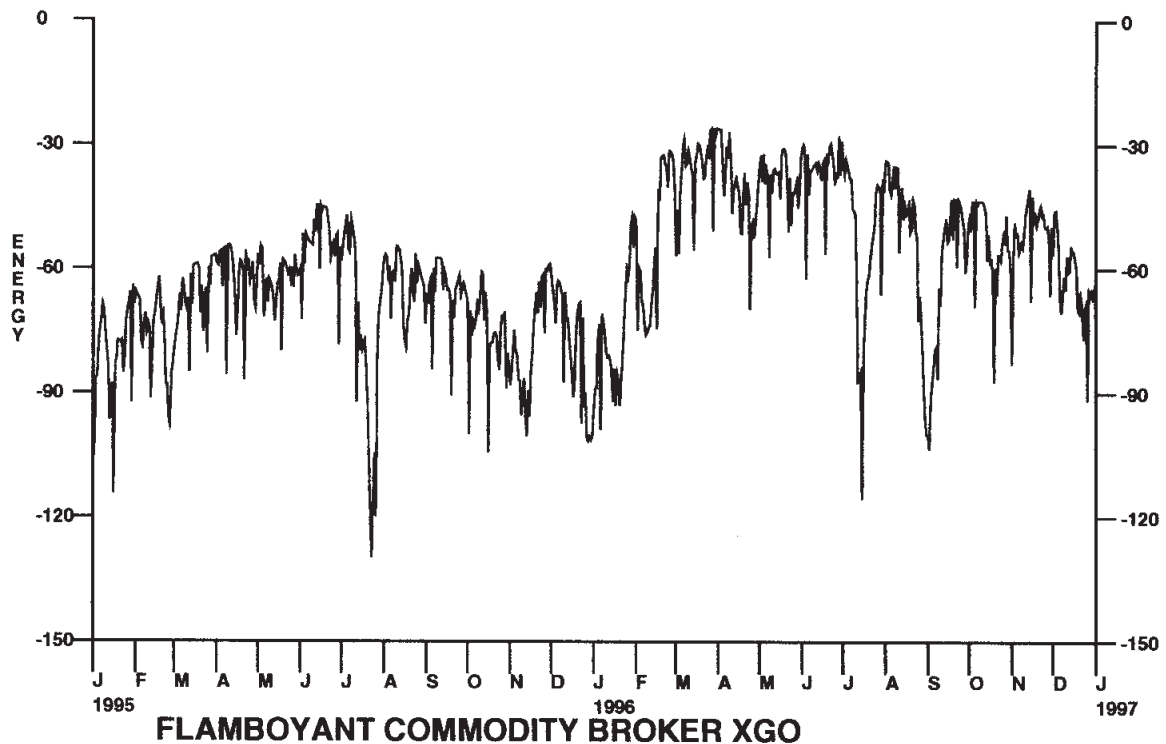
The correspondence is nothing but amazing. This is especially amazing since the forecast is computed without using any price information from the market itself. The only information used in XGO forecast is the natal date, or date of first trade, in the market. That sets the natal antenna pattern. The XGO formula then computes the energy being received from the universe over that natal antenna. That calculation can be made forward in time as far in the future as one wants.

This amazing correspondence between the XGO calculation and the prices in markets further verifies my theory that both human emotions and market price are linked to the earth's electric field. These ebbs and flows of emotional buying and selling in the markets are the reflections of mass human behavior as they feel the current surges as the earth's electric field swirls, ebbs and flows.

An individual's XGO chart represents that person's joy-gloom curve. On the lows in the XGO chart, the person is receiving energy input from the universe. I have observed that at these times it is difficult for the individual to expend energy. The rule seems to be that you can stock up on provisions during the lows and expend them during the highs. It is also important to be careful to avoid accidents on XGO lows.

Therefore, an individual can use an XGO chart to select the times to concentrate on simple, straightforward things during the lows, and the time to do bigger, bolder things, such as negotiating a business deal, on the highs. This theoretical calculation has been verified with many individuals with their own experiences.

A person's XGO chart also reveals some characteristics of personality. One of my friends is a flamboyant stock and commodity broker. His chart is shown here. Notice how it swings up and down sharply. Those sharp spikes are caused by the moon. This person is always on an emotional roller coaster. On the highs, he is one of the sharpest minds in the business. On the lows, he is filled with self-doubt, sure that nothing that he has done is valid.

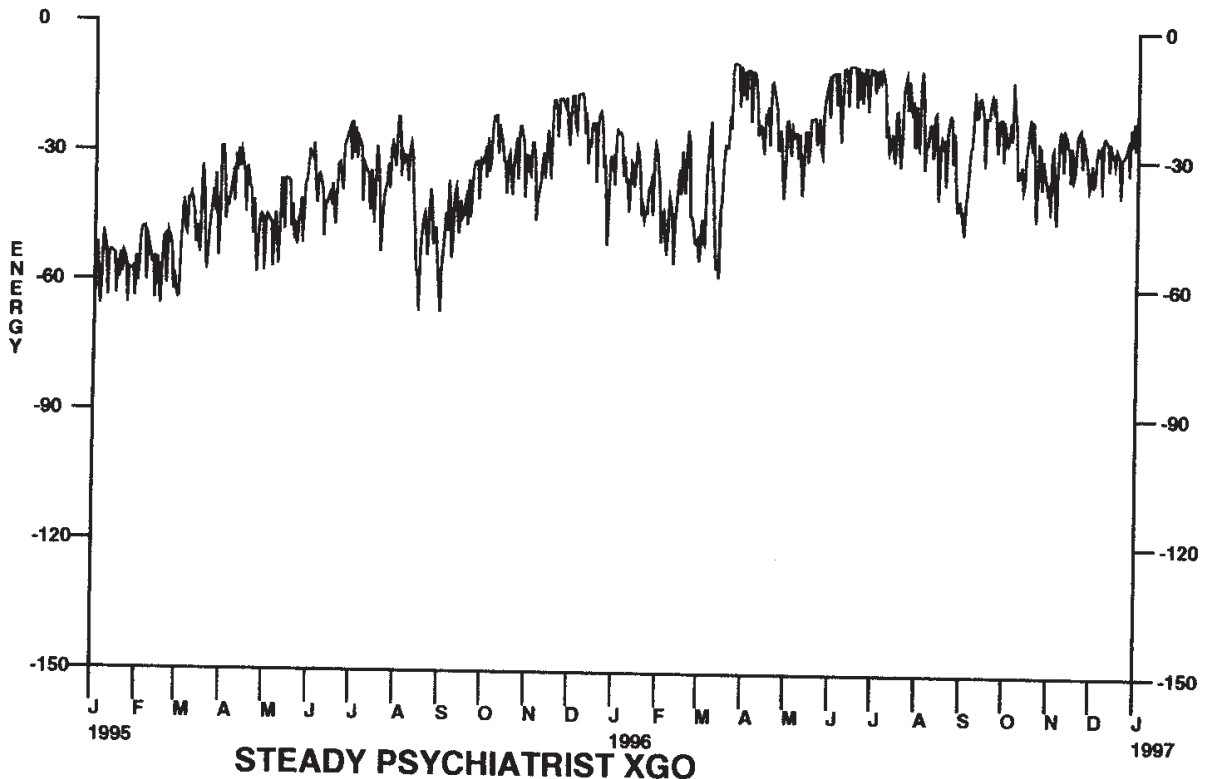


On one of the lows he was involved in a significant automobile accident. He was hit by a car that ran a red light at an intersection. The lows in the XGO chart seem to be periods when one should slow down, be alert, and absorb the energy. Princess Diana died in an automobile accident precisely on an XGO low.

On one of my lows I had a freak accident. I fell in the street and scraped my knuckles bad enough to sever a tendon, requiring immediate surgery. In another case, one of my trading friends had managed to gain a position trading a \$2,000,000 account. The deal was commenced on a high on his XGO chart. In the next few months his chart had a

tremendous downswing into a very deep low. He could not make the trades he saw on his computer screen. He was in a state of emotional drawdown and could not function at the high level required of commodity trading. As a result, he lost the privilege of trading the account.

Another of my friends is Mr. Stable. He is a successful psychologist. Not surprising, his XGO chart, shown here, is relatively flat with minor drawdowns. It is not wonder that he has been a source of strength for patients for over 30 years.



Two XGO charts can be compared. They will show that two individuals may have similar joy-gloom curves, but very seldom will they be exactly the same. This explains why married couples may generally agree much of the time, but have periods when their basic communication seems to break down and they seem to go in opposite directions. It is just the natural energies at work.

Occasionally there are couples who are special. One couple, long time friends of ours, always seem to be in perfect synch. They have the most harmonious relationship I have every seen. Their XGO curves explain why. The curves are, for all practical purposes, identical.

The natal antenna, therefore, seems to be characteristic of each individual. It also explains how individuals are attracted to each other. As we grow and mature, our natal antennas pick up energy that we find positive and harmonious. When we encounter another individual who has a similar natal antenna, we suddenly share the same energies. We exchange those energies in a resonant manner. This leads to such phenomena as love at first sight. "The moment I saw her I knew she was going to be my wife."

I have found that a quick check of the compatibility between two individuals can be made by overlaying their natal antenna patterns. If many of the spokes align, their relationship will be relatively harmonious. If few spokes align between the two antennas, the energies will never flow in both individuals at the same time, so there will always be a tension in their relationship.

Natal antennas may also receive energy that sets off chaos. Chaos occurs when the natal antenna is stimulated into a very high harmonic mode. Normally antennas will have low order harmonics such as three, four, six, or eight. Occasionally an antenna may receive inputs that set up a much higher harmonic above 55. I have found that these harmonics are related to extreme states of activity and emotion. In markets they mark very emotional rallies and declines.

These states are triggered in one of two ways. First, if an individual or a market has two, three, or four spokes close to each other but not perfectly aligned, one current body transmitting these closely spaced spokes sets up a harmonic vibration that depends upon the spacing. A four degree spacing, for example, would set up the 90th harmonic. That can set up chaos.

The other triggering mechanism is multiple current planets hitting spokes of the natal antenna in rapid succession. This does not have to be the same spoke. It can be any spoke on the antenna. This can set up a pattern of rapid electrical surges.

I have found that these periods are very frequently associated with periods of nervous breakdown, sudden illness, and death. In one case I had complete details of a man's heart attack. I found that the heart attack, a chaotic event, was clearly triggered by the stimulation of the man's natal antenna. Death was timed to the exact minute by the rotating Earth, rotating the man along the axis that was receiving the chaotic stimulus. This axis had three closely spaced planets being transited by the moon.

It is clear from such studies that science has not fully understood the electrical nature of our health. When discussing this phenomena with Dr. Valerie Hunt, she told me that she already knew some of this. She said that she had the ability to stop a heart attack on the table. In her work at UCLA Medical Center, she worked very closely with medical doctors. Since they trusted her as a colleague, they let her do some unorthodox things.

She found that if a person was fibrillating on the table, she could stop the fibrillation immediately by grabbing the patient's feet, one in each hand. This formed a short circuit of the currents flowing through the patient. Instead of the currents flowing up the right leg and out the left arm, crossing the heart, those currents were shorted down the left leg, through Valerie's arms and shoulders to form a current loop. This immediately stabilized the electrical pattern on the individual's heart. The high frequency external currents were shorted through the legs, and not across the heart.

Apparently the heart can respond to external current flows. When there are rapid changes in those current flows, the heart can be stimulated into fibrillation, leading to a heart attack. Clearly this is a phenomena which needs to be further investigated by science. It is my hope that other scientists will take a serious interest in this matter and conduct the necessary research. Meanwhile, if you witness someone having a heart attack, take their shoes off and grasp their feet. It is worth a try.

Understanding our responses to the earth's electric field sheds a whole new light on many of the affairs of living. How tragic it is that thousands or even millions of people have been labeled as neurotic, emotionally unstable, or crazy when they reported that they were hearing voices or seeing visions or feeling strong urges. We have blamed these individuals, as if they were totally responsible. While they may have a responsibility, we have given no knowledge to them about the fundamental physics of living in the earth's electric field.

We have an unshielded body carrying an unshielded brain. Out of ignorance, we have blamed individuals for things that in many cases were probably due to their environment and not due to any moral weakness of their own. Hopefully in the New Age the New Science will lead to more enlightened treatment of these situations. What is really happening can be verified scientifically by others using knowledge of the natal antenna and observing very carefully what the planets are doing to the earth's electric field, and thus to us. All it takes is diligence and an open, truly scientific mind.

Scientists already know that many chemical experiments have different results when performed at a different time of day or a different time of year. These experiments depend, of course, upon the electrical nature of the chemical reaction. Without accounting for the shifting, swirling electric field of the earth, there is no explanation for these variances. Many scientists have assumed them to be noise, when in reality it is simply a complex case of multiple electric fields overlapping within the earth's electric field.

If those laboratory chemistry experiments have different results due to these effects, is it any wonder that the body chemistry of individuals is affected? No, it is not.

I have outlined a somewhat different approach to the use of the information used by astrologers. I recognize and applaud the consistent use of astrological techniques over the ages, and those who have worked to improve the techniques of astrology. I hope

that my contribution in recognizing how the natal antenna functions as a collector of energy from the earth's electric field, and how it stimulates resonant harmonics within the individual, will help move astrology from backstage into the daylight of science in the service of mankind.

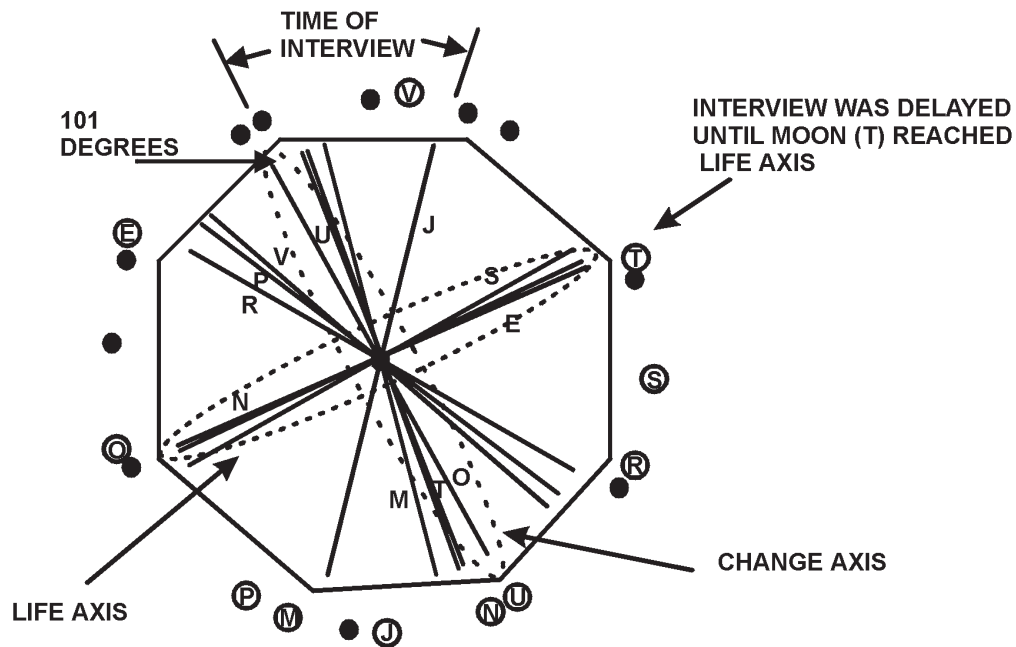
Miracles and Magic

Some of our experiences are profoundly religious. What does it mean to have a religious experience? Physically, it means to feel a great surge of energy. This surge is so strong that it creates an awareness that there is something outside of us running the universe. These feelings are the root of the practice of religion around the globe. We are all experiential learners. We may read about something, hear about something, or think about something, but when we experience it we believe it.

The tools presented in the last chapter can be used to study such events. One such event occurred to friend of mine named Teri. Teri is a devotee of Sai Baba. Sai Baba is an East Indian avatar. An avatar is reportedly God on Earth. Devotees of Sai Baba make pilgrimages from around the world to visit him in India. The hope and dream of each of these pilgrims is that they will be granted a private interview with Sai Baba.

On her visit in 1996, Teri was granted such an interview. During that interview Sai Baba manifested a necklace for Teri. Sai Baba manifests, or creates, objects out of thin air. This necklace was not any ordinary necklace. It was a Hindu holy necklace. The standard version of that necklace consists of 108 beads. Teri's necklace contained 101 beads. Why? Had this perfect God on Earth made an error? Why was it 101 beads and not 105, or 99?

The mystery was solved using an ephemeris wheel. In this case the pattern is clear in the heliocentric wheel. Teri's chart was strongly resonant on the 8th harmonic on February 22, 1996. A key point in the harmony was the Moon and the Moon's node transiting Teri's life axis, which contains the Earth (or Sun) and natal Neptune and Saturn. Ninety degrees to this axis is Teri's Axis of Change. The Axis of Change contains Uranus, the planet of change. Teri's also contains her natal Node. That axis was being transited by current Neptune and current Uranus. So this represents Uranus, current, transiting Uranus, natal. That would imply a time of significant change.



HARMONY OF TERI'S HOLY NECKLACE

Teri and her companions had arrived in India approximately a week before. At that time the Moon was transiting this axis. It took them a week to gain the interview. Obviously Sai Baba was aware that Teri's energy cycles had to wait for the Moon to move to her Life Axis. That apparently set the date for the interview. The interview started as the earth rotated Teri and her companions to line up with her natal Jupiter being transited by current Mercury.

Just past that point, early in the interview, Sai Baba manifested the necklace for Teri as the Earth rotated them under current Venus. The interview continued with other members of the group, one of who also received a manifested object. The interview ended as the Earth rotated the group and Sai Baba into alignment with Teri's **Axis of Change**, controlled by her natal Uranus. That brought the full energy of the interview into focus along that axis. That axis is located at 101 degrees. That is where the 101 beads came from. The necklace was manifested exactly for Teri, exactly according to the Laws of Harmony and Resonance.

Ancient teachings in astrology contend that all alphabets, all letters, and all numbers come from this planetary energy system. It is very clear in this case that the number of beads came from this system.

Sai Baba is, obviously, not an average person. He knows how to harness the resonant energy contained in the system. In this case, he stood directly in front of Teri, held his hand out, and rotated it slowly in the air. As he did so, out of thin air the necklace congealed. When it did so, it had the properties of a resonant circuit. The necklace is a closed metal object which forms a current loop. That metal object somehow had to be tuned to the harmonic energies of the recipient. It also had to contain a very high harmonic content of its own. In this case the 101 beads divide the circle of the necklace in such a way as to make it respond to the 101st harmonic. This is approximately a 3 day cycle, if the circle is taken as a year.

Interestingly, Teri's natal antenna has two sets of very closely spaced planets which pick up energy near the 101st harmonic. The first set was made up of her natal Venus, Pluto, and Mars. At the time of the interview they were being transited by Earth and Mars. They are separated by about three degrees.

The second set of closely spaced planets are near Teri's Axis of Change and contain Mercury, Moon, and the Node. The Moon and Mercury are fast moving bodies. This set of points was transited by Teri as the Earth rotated her past them during the interview. Again, their spacing is about three degrees. They form a second set of "speed bumps."

So the first set of speed bumps were stimulated in the week before the interview as the Earth carried Teri past Venus, Pluto, and natal Mars. That set up high frequency vibrations in her cycle of the year.

Then during the day, the Earth rotated Teri past her speed bumps of Mercury, Moon, Node, and Uranus. That set up high frequency vibrations in her cycle of the day. Is it any wonder that Teri felt bliss? Bliss has been found to be associated with extremely high frequency. Valerie Hunt's work has established this scientifically.

It is interesting to note that the objects manifested by Sai Baba are frequently round metal objects. Metal conducts the currents easily. The circular shape comes from the fact that as he circles his palm face down he builds up a torus of energy. This torus of energy congeals into matter when the conditions are right. Sai Baba frequently manifests rings, bracelets, and necklaces in the manner. He does manifest other objects in other shapes and other materials, but his stock in trade seems to be these circular conducting metal objects.

Teri's example gives some insight into how the harmonic energy structure captured in the earth's electric field is being used by Sai Baba. He is clearly in possession of knowledge of the laws of harmony and the laws of energy addition by which the universe works. If one reads the message of Sai Baba, it is all about learning to live in harmony. It is very clear that he uses the physical system around him to convey that message at a very deep level to his devotees. He manipulates their electrical field environment so that they experience an awesome presence, a state of bliss, and miracles of creation. If Sai Baba truly is God, and God truly is the universal energy field,

what better way to illustrate exactly how this universal energy field and the laws of harmony and resonance work?

I have had my own experience with miracles. It was a miracle that I and my wife were not struck by lightning while climbing Mount Washburn in Yellowstone National Park. We attribute that to a little girl's prayers.

Our visit to Yellowstone was the first vacation we had taken without our kids. They had grown up and were busy doing other things. This was our second visit to Yellowstone, and we found ourselves a bit more efficient than on our first visit. By the afternoon of the third day we had seen all the sights that we had pre-planned. We felt at a loss of how to spend the last afternoon in the park. We decided that maybe a hike was in order. After a quick visit to a book shop for a hiking guide, we decided to follow the guide's advice and hike up Mount Washburn. The guide said that Mount Washburn had a spectacular view of the entire park and it was an easy hike.

Easy was clearly in the mind of a very experienced hiker. My wife and I are experienced hikers, frequently hiking in the Rockies in our home state of Colorado, but this hike was much longer than it said in the guide book.

We started the hike at 4:00 P.M. The weather was partly cloudy, but we figured the hike would take us one hour. As we progressed up the mountain it became obvious to us that the weather was getting worse, and that the hike was going to take much, much longer. We were determined to reach the top. We could clearly see the ranger station on the top. So we pressed on.

As we proceeded up the trail, we passed a Jewish family. They greeted us cordially. We noticed that mother and father, who were probably in their fifties, were having just a little bit of trouble keeping up with their two young children, a girl and a boy, probably about nine and eight, respectively.

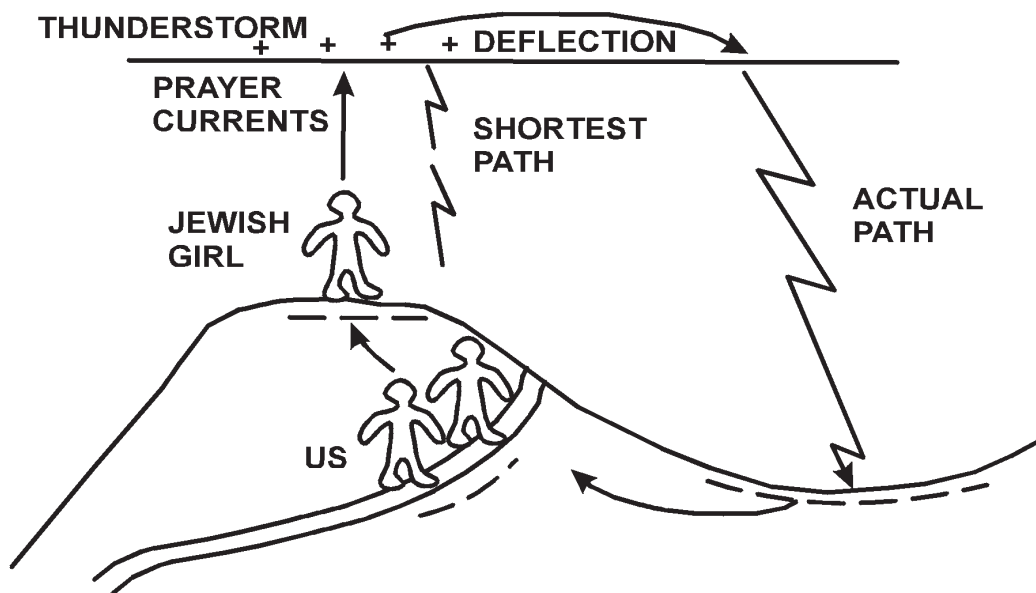
About a quarter mile from the peak, the weather closed in. We were hit with rain and hail. The cloud base was very low over the ranger station. During a burst of heavy hail, we took shelter against a bank. As we huddled there, the Jewish family passed us by. They had picked up their pace and were making a run for the ranger station.

In a few moments, the hail slacked, but the rain continued. Nancy and I continued our run for the top. As we rounded the trail just below the ranger station we suddenly saw, felt, and experienced a lightning bolt. I instinctively dived for the bank.

In midair, I turned and found my wife diving on top of me. As I turned, I saw the lightning strike in a saddle of the ridge line about 200 yards away. We both heard a sizzling sound - like bacon frying. The flash, the thunder, and the sizzle came at once. We were scared to death.

After huddling against the bank for a few moments, we decided our best course of action was to quickly get to the top. When we entered the ranger station's ground floor we found an open room - a visitor's area. In the middle of that room was the little Jewish girl watching the door. As we entered she said, "Thank God you are safe. I was praying for you."

Did this child's prayers really have anything to do with our near miss? Of course it did. The figure shows what was happening electrically. If you look at our position on the trail, you see that we were directly under the cloud from which the lightning bolt came. The shortest path to ground would have been a point near us. This point was much higher than the point where the bolt actually hit. So what pushed the bolt off to the side? Remember that currents flow from the ground toward the sky. They are focused upward by mountains. This flow of current established a loop from the mountain top to the cloud, then back down along the lightning bolt. The little girl praying was standing in the flow of upward current. Through the use of her mind, she was able to modify the electric currents flowing through her body and enlarge the current loop in such a way that the lightning, in effect, was pushed to the side by the larger loop.



HOW A GIRL'S PRAYER WORKED

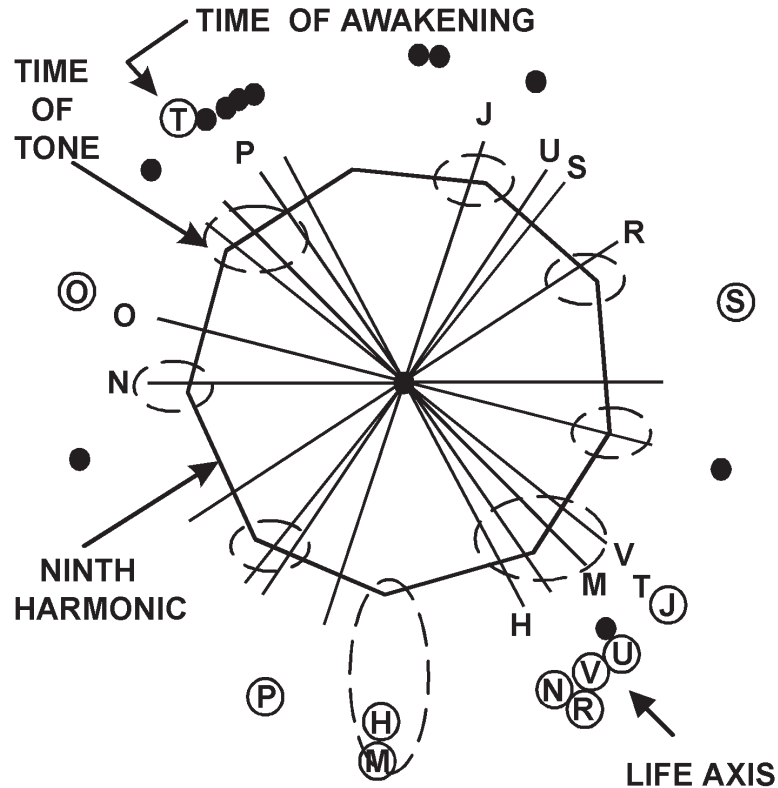
So the bolt missed us. Of course, the Jewish girl was not consciously competent of what she was doing, but there is no doubt in our minds that her prayer redirected that lightning bolt away from us.

Although we did not discuss it at the time, both of us felt that this was a religious experience. When we unpacked at home, we discovered that each of us had picked up a stone from the top of Mount Washburn, and had put it in our pocket as a memento of this special event. Obviously each of us attached a very special meaning to this experience. Again, this was a “religious experience” that was truly interconnected with the earth’s electric field, the law of harmony, and the law of resonance.

I earlier discussed the sound of the Primordial Om. I have heard it. Hearing it is incredible. It reverberates inside your head like nothing else. It leaves you in awe and wonder at how the Universe (God) works. And it makes you realize how much a part of it you are. Here is what happened to me.

I experienced these conditions in the early hours of December 17, 1997. I awoke at precisely 3:00 AM. I tried to go back to sleep. At 3:43 I heard a clear tone ringing in my ears. I recognized it as a cosmic Om sound revered in the East. This sound was clear and lasted about 15 seconds.

The figure shows my natal antenna during this event. When the Earth rotated me under the Moon, it awakened me. When I was further rotated to line up with Jupiter conjunct my natal Venus and natal Moon, I heard the tone. My natal antenna was receiving heavy energy input on my life axis and I was experiencing the separation phase of current node transiting natal node. The current planets and my natal antenna were tuned to the ninth harmonic. Remember that the Om comes from the ninth harmonic of the 15 Hz sunrise/sunset injection frequency. So at this particular moment the earth's electric field was providing me with electric currents that somehow contained a strong 136 Hz signal.



HEARING MY FIRST OM

So how did I hear those sounds? When I heard the sound it was like none I had ever heard before because there was no pressure on my ear drums. It was as if the sound were simply inside my head. I believe that this happened because the sounds stimulated the stirrup and anvil bones in my ears. Recall that Dr. Becker showed that bones are piezoelectric. They can convert electrical currents through them into mechanical vibrations. This is what happens when people hear the cosmic Om tone.

I have no doubt about what I experienced. I believe that this explains the reverence with which this tone is held.

In the New Age, if each such event is carefully studied and analyzed using the knowledge of the earth's electric field, the universal energy field, and the rules of harmony and resonance, perhaps we will all learn to live in a state of bliss without fear, even from the forces of nature.

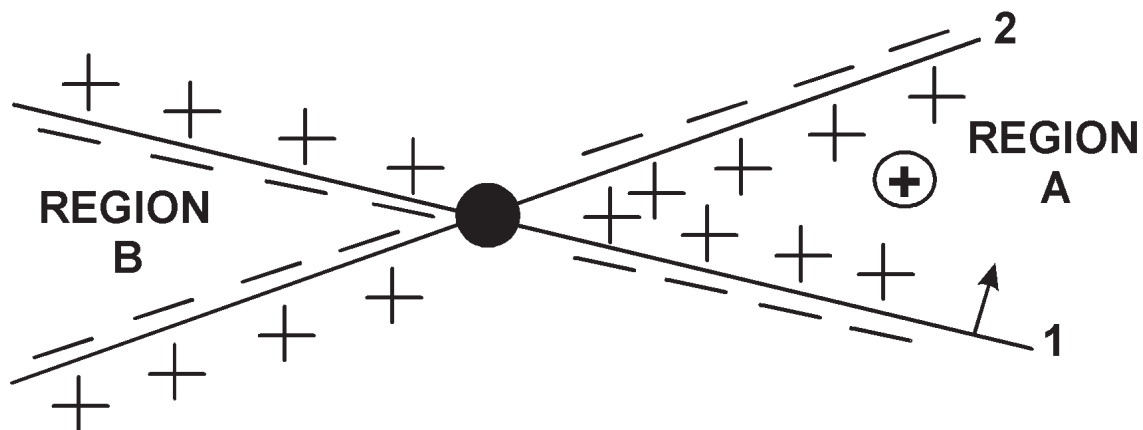
The Conjunction Resonator

At this point, we need to return to school. For you to understand what follows, I need to explain an original concept of mine.

It is obvious from what we have learned so far that the electrical systems in nature operate over extremely wide frequency ranges. Microscopic objects tune into extremely high frequencies, while larger and larger objects tune into lower and lower frequencies. Living objects, of course, must be nourished with a supply of electrical waves at frequencies to which they can tune. **So how is it that nature generates this extreme range of frequencies?**

The answer to this mystery lies in the **conjunction resonator**. Conjunction is a word that means coming together. Astrologers and astronomers call the alignment of two planets as seen from the Sun or the Earth a conjunction. Two planets being opposite each other as seen from the Sun or the Earth is called an opposition. Both are axis alignments. Folklore tells us that these are special events. The conjunction resonator explains why.

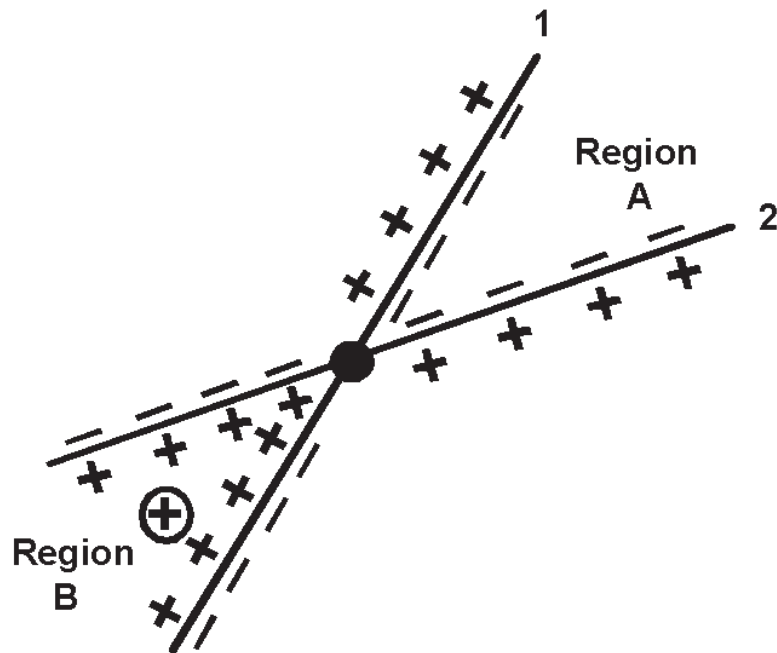
Assume that we have two lines which divide areas of positive charge and negative charge. Assume that these lines cross, and that they are rotating about the point at which they intersect. This is shown in the figure.



APPLYING CONJUNCTION

Assume that line two is stationary and that line one is rotating toward it. In Region A are positive charges. Assume one of these is free to move. Remember that like charges repel. The free charge is trapped between line one and line two. If it moves at all, it will be repelled from line one towards line two and back. This would set up a frequency of vibration dependent upon the spacing between line one and line two. But what happens as rotation continues?

Charge A is squeezed into a smaller and smaller area, making it vibrate faster and faster, as it covers the shorter and shorter distance between line one and line two. Even if line one is rotating very slowly, this is true. Charges near the center of rotation travel smaller and smaller distances, therefore setting up higher and higher frequencies. As line one approaches line two, the regions will vanish. As the lines cross, the regions *reappear as regions of the opposite polarity*.



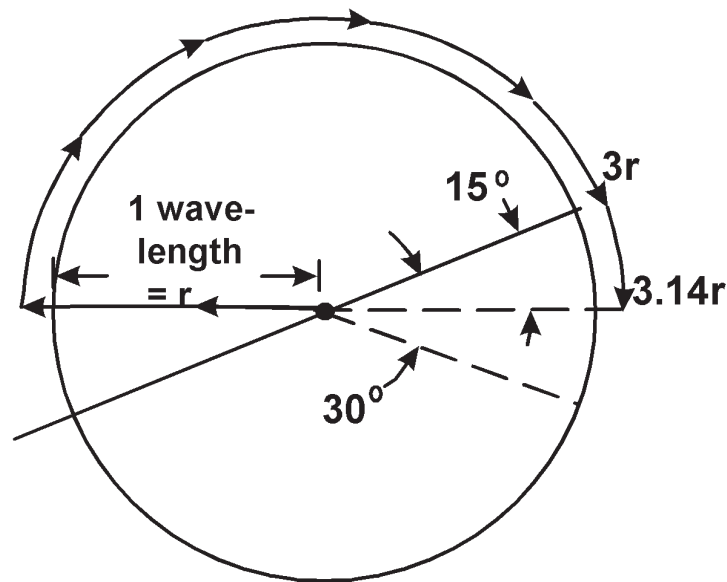
SEPARATING CONJUNCTION

So where do these trapped charges go? They have no choice except to pass as an intense (theoretically infinite) current across the center of the conjunction, to squirt to the other side. No matter how slowly this conjunction occurs, charges undergo a higher and higher frequency of vibration until they reach an infinite frequency and establish an infinite current as they flow to the other side of the conjunction.

I believe that this is the construct which gives conjunctions and oppositions the power to manipulate energy fields. They manipulate electrical charges. ***They create higher and higher frequencies of waves in the electric fields, and they generate a sharp, large spike of current at the time of conjunction.***

That is the conjunction part of the conjunction resonator. Now let us move on to the resonator.

Assume now that each of these lines is a line through a circle, where the circle represents the boundary of a structure, either a physical structure or a boundary of a wave in an electric field. A physical form of this conjunction resonator can be built using two circular metal plates split down the middle. These plates can be placed facing each other, forming an electrical capacitor. Each semi-disk of the plate can be charged positive or negative. The plates can then be rotated slowly by a motor. This will establish a conjunction resonator, causing charges to follow the behavior just outlined.



**12th AND 24TH
HARMONICS GENERATED
BY CONJUNCTION RESONATOR**

That is one physical manifestation of conjunction resonator. Another manifestation might be the disks formed by the orbit paths of two planets. So there are a number of possible manifestations in the physical universe of this conjunction resonator.

Such a circular boundary associated with a conjunction mechanism will set up resonant frequencies within the circle. The figure shows how this occurs. The current squirting through the center of the circle will resonate at a wavelength equal to the radius of the circle. That wave coming out from the center of the circle will then travel along the circumference of the circle in both directions. As it does so it will have traveled three wavelengths at a point that is approximately 15 degrees from the exact conjunction. That is a harmonic point.

The length of the half circle is 3.14 times the radius. The wavelength of the conjunction pulse is equal to one radius. The difference between the number 3.14 (known as Pi) and 3 represents a higher harmonic of the circle. That harmonic ratio is equal to .14 divided by 3.14. This computes to 4.45 percent of the circle. This is equal to 16 degrees. The closest small whole number division of the circle is 15 degrees, one twenty-fourth of the circle.

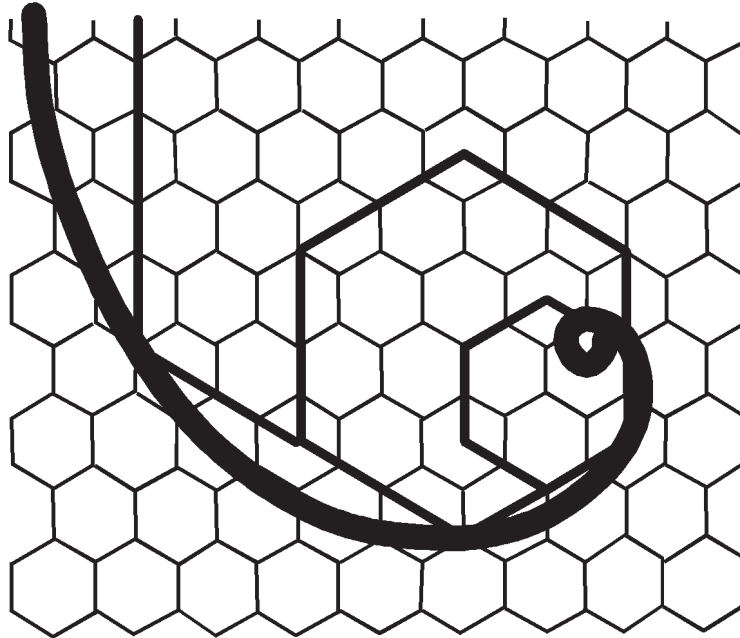
So as a conjunction is being formed, there will be a higher harmonic formed very close to the natural 24th harmonic of the circle (360 degrees divided by 15 degrees equals 24). A high energy point will form 15 degrees before the conjunction and again 15 degrees after the conjunction has occurred. All systems based upon the conjunction resonator will have strong twenty-fourth harmonics.

Without a doubt, this is the source of our twenty-four hour day and the twelve signs of the Zodiac. The very strong support of the third harmonic of the circle produced by the conjunction resonator is a source of the high respect for triangles and the double triangles, also known as the Star of David.

This is also why hexagonal shapes show up so regularly in nature. The six points of a snowflake, the six parts of an apple, the six petals of many flowers are examples. The hexagon is a consequence of repeated operation of conjunction resonators.

The conjunction resonator is the mechanism through which life and growth are stimulated. This is the mechanism that has been discovered through the ages and lies at the foundation of such revered areas of learning known as sacred geometry. It is a powerful, natural mechanism for processing energy in such a way as to tune it in, increase it through resonance, and expend it.

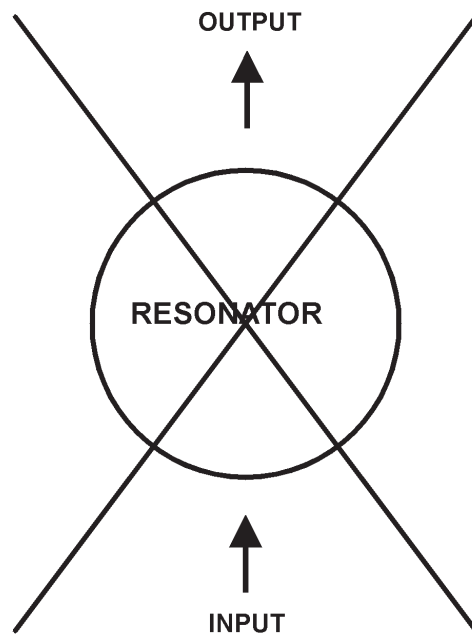
One consequence of the conjunction resonator setting up a sixth harmonic pattern in growing plants and animals is that it produces a form called the logarithmic spiral. The logarithmic spiral has been known and studied for centuries [THO]. As shown in the figure, ever increasing hexagon patterns will produce a spiral. As the spirals expand such that the side of the hexagons take on harmonic multiples of whole numbers (1, 2, 3, etc.) corners of this growing pattern will form the logarithmic spiral as shown in this figure.



LOGARITHMIC SPIRAL FROM POINTS IN A SYSTEM OF HEXAGONS

This is how the conjunction resonator, by setting up the sixth harmonic repeatedly, constantly nurtures growth. It explains why the logarithmic spiral shows up in growing things. The classic example is the shell of the great chambered nautilus. Issac Newton, the founder of the mathematics of calculus and a formulator of the laws of Newtonian physics, was so in awe of the logarithmic spiral that he had it carved on the headboard of his bed. Now we know that the conjunction resonator is the machine that builds the logarithmic spirals.

In addition to the hexagonal patterns set up by the conjunction resonator, the shapes we find in nature tend to reflect the resonator itself. The resonator pattern can be viewed simply as shown in the figure. By extending the two crossing lines beyond the circle, we see a form that collects energy on one side of the resonator, amplified it within the circle, and distributes it going out the other side of the resonator. This form can be seen in many places in nature. Keep in mind that the form may be static because moving electric waves can stimulate the resonator.



BASIC CONJUNCTION RESONATOR

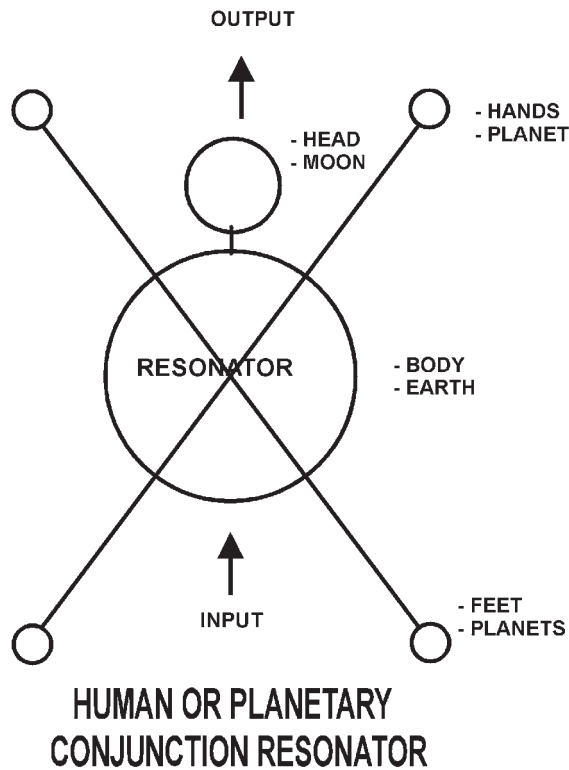
Consider a tree. The roots of the tree form the input part of the conjunction resonator. The trunk forms the circular resonator part. The branches of the tree form the output parts. The tree draws its electrical current from within the earth, resonates those currents as they flow upward towards the ionosphere, and distributes them to the branches. Here they produce the leaves that produce the chlorophyll that produces the oxygen we breathe. The entire process is fed and nurtured through the mechanism of the conjunction resonator.

Now consider the earth and the planets. The orbiting planets form the lines of the conjunction resonators. The ionosphere forms the circular resonant chamber. As planets move to form a conjunction they set up harmonic waves within the ionosphere. Each ring of planets forms an overlying conjunction resonator. The system is complex because multiple conjunction resonators are in effect at the same time.

The moon, of course, plays a special role because it is so close to the earth. As it moves, it can effect the amount of energy at a particular point within the resonant cavity of the earth's ionosphere. This is especially true when it moves to a point that is harmonic to an ongoing planetary conjunction. For example, if the moon is aligned with one of the spokes of a system's natal antenna, it will increase the current flow at that particular part of the resonant system.

This behavior is what gives the moon it awesome power. It is not that its own electrical forces are doing all the work. It is that its field interacts with all of the other fields as the harmonic waves are set up during the operation of each conjunction resonator. It is this resonant effect that greatly magnifies the influence of the planetary bodies upon the earth's electric field.

Humans with arms raised form a conjunction resonator. The legs represent the input site of the resonator, the body is a resonant cavity, and the outstretched hands represent the output part of the resonator. The head can effect the output of energy by emphasizing particular harmonics of the resonant action in a manner analogous to what the moon does in the earth's conjunction resonator.



Visualize for a moment Black Elk standing on the top of Harney Peak in South Dakota, as described in ***Black Elk Speaks*** [NE11]. He spreads his legs, stands firmly on the peak, and raises his arms to the heavens. He draws in energy, resonating it through his body, and feeds it upward through his arms. He selects the right harmonics with his brain and his chants to deliver the proper energy patterns to the atmosphere above him. That energy is focused in such a way as to precipitate raindrops. Black Elk, with the help of the Great Spirit, makes it rain. This miracle is possible through Black Elk's use of his body as a conjunction resonator.

This is the conjunction resonator being used by a human being. Black Elk and others have learned to use the conjunction resonator throughout the ages. They have been unconscious competents. Now it is time for scientists to study what they do with knowledge of conjunction resonators and to make this magic a science.

Humans instinctively take on the position of the conjunction resonator more often than we think. In moments of great victory we see athletes spread their feet, raise their arms to the sky, and give a glorious shout of victory. At that moment they are using the full power and energy of the conjunction resonator. Since the world began, people have “felt in their bones” that this was the position to take when they wanted to send the maximum energy skyward to “let the world know.” Priests of all kinds assume this position to “talk to God.” It naturally lets us connect well with the earth’s electric field.

The body’s organs make the human body a very complex set of conjunction resonators. Each organ is basically a spherical resonant chamber. Each will tune into particular frequencies of electrical waves passing through it, depending on its size and the size of the cells within it.

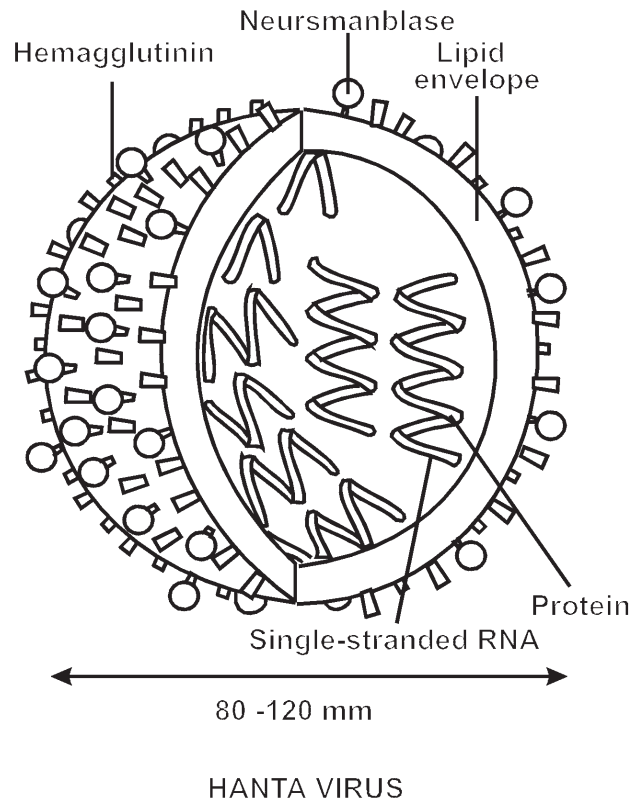
The input of the body’s resonator is on the bottom between the legs. It is no accident that this is where the sex organs are found. This is the point of injecting energy in a harmonious manner. The ovaries and fallopian tube within the womb form an interior conjunction resonator. This is the chamber where new life is created using the principles of the conjunction resonator.

Other organs follow suit. The gallbladder, liver, pancreas, and kidneys are all part of the pattern. The intestines not only are a conjunction resonator, but they are a coiled resonator. Electrical engineers know that coils in electric fields are tuning circuits. Coils in our physical anatomy are also tuning circuits. On the outside of our resonator we have the lungs, the stomach, and our heart. As we pass beyond the boundaries of the body we have the brain and its resonant structure, the eyes, the ears, and the mouth, each being a spherical resonant chamber. Each operates on the principles of the conjunction resonator.

So as the electrical waves flow through our bodies, each of the organs receives particular inputs at particular frequencies, resonates those inputs to increase the energy, and uses that energy to perform the function of the organ.

Hopefully this view of the body as a conjunction resonator will lead to new approaches in health and medical treatments. The human body is a very finely tuned electrical machine. It was designed to live, exist, and thrive in the earth’s electric field. It follows the laws of harmony and resonance.

Finally, let us look at the structure of the virus. This is a picture of the hantavirus. Notice that this virus has a spherical chamber.



It has protrusions on the circumference of the sphere. The diameter of the sphere sets the wavelength of this virus. The protrusions set the higher harmonics to which this virus will vibrate. Within the fluid inside the virus are spirals. These are tuned coils which tune into other specific frequencies. While modern medicine may have viewed this as a chemical machine, it is clear that it is more than that. It is very clearly a conjunction resonator, designed to work off of electric fields. It takes them in, amplifies them, selects the proper frequencies out of them using its own resonant structure, and uses that energy to perform its function.

This is a fundamental insight into how cells, viruses, and bacteria work. It should be possible to take the measurements of such a virus, compute its resonant frequencies, and generate energy in such a way as to destroy the virus.

Mankind has learned how to destroy structures using resonance. The classic example is the military practice of having marching troops fall out of the rhythmic march and break into a random walk going across a bridge. If this is not done, there is a possibility that the rhythmic pounding of the marching feet will strike a resonant harmonic of the bridge, setting it into large amplitude vibrations, which will break the bridge. This happened to a bridge in New York State in 1924 when automobiles set up such a

vibration. With a little diligent work, we should be able to learn to kill viruses with electric fields tuned correctly.

Hopefully this little detour back to school to explain the fundamental operation of the conjunction resonance will bear much fruit in the future. I cannot possibly investigate all the ramifications of this insight. It is very clear that knowledge of how the conjunction resonator operates should lead to many more discoveries and innovations in the coming New Age. We can utilize much of what has been learned in the past and reduce it to pure science. If we study many of the practices of the past and understand them with this new knowledge, we can make the New Age a better age.

Energy Field Health

When you send a spitwad to a man in Washington and he sends back a report saying that your that gallbladder is missing, you have to take notice.

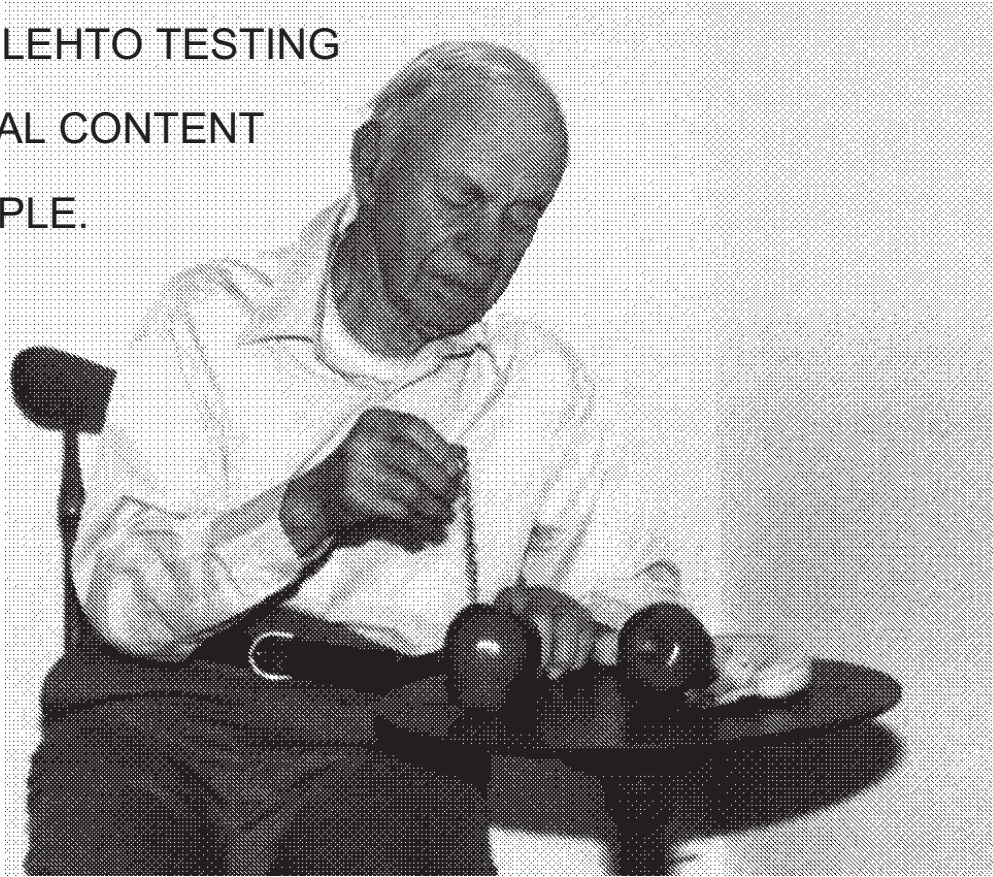
This is exactly what happened when my wife and I sent saliva samples to Mr. Owen Lehto for mineral analysis. Owen Lehto has developed a verified methodology of analyzing a person's need for specific vitamins and minerals using a saliva sample and Owen's chain. Fully reported in his book, ***Vibrations*** [LEH], and his companion video tape, this methodology has been verified by comparing his results with a mineral analysis done by the state laboratory in Washington.

In this methodology, one collects a clean saliva sample from a person. This is easily done by chewing and saturating a two inch sterile gauze pad first thing in the morning, before putting anything in one's mouth. The sterilized gauze pad is then placed in a sealed plastic bag and mailed to Mr. Lehto.

What he does with that bag is to read out the energies associated with each mineral or vitamin, measuring the strength of the reading by counting the turns of his dowsing chain.

The readout is done by holding the saliva sample in the left hand while holding the dowsing chain in the right hand, and placing the chain over a sample of each particular mineral or vitamin. As electrical current flows from the saliva sample through the body, it is resonated and amplified. As the electric current builds up and flows to earth through the chain, its flow is restricted by the resistance of the sample mineral or vitamin placed in the path under the chain. In this way the chain is tuned to detect the amount of electrical energy from the particular vitamin or mineral as contained in the sample [LEH]. This is working exactly like a radio works when it tunes in to listen to a particular radio station.

OWEN LEHTO TESTING
MINERAL CONTENT
OF APPLE.



Through many years of careful research, Mr. Lehto has built a table of normal values. His report lists an individual's values compared to the normal values. He also checks the health of particular organs by holding the chain over a diagram of the body, selecting each organ in turn. He has used this method to detect a number of cases of illness specific to a particular organ.

When we got our test results back, they confirmed my suspicions that my wife and I were lacking in certain minerals and vitamins, but the striking feature was in the organ section. My wife's gallbladder had no number assigned to it. A quick call to Mr. Lehto verified that he could not find a gallbladder. He said he just could not get a reading.

There is no way that Mr. Lehto could have known that my wife's gallbladder was surgically removed many years before. He correctly detected its absence from the energy field contained in her saliva.

Having our saliva tests run by Mr. Lehto was not our first experience with the tests. Our first experience came from having tests done on our two dogs. We have two cocker spaniels named Mimi and Ace. Ace has super high energy and is as playful as a puppy,

even though he is several years old. Mimi had developed a stiffness and a soreness in her muscles that made it impossible for her to jump up onto a couch or a chair.

I learned that I could relieve the pain in her rib cage and back muscles by placing my left hand on the sore spot and “draining the pain” through my body, while monitoring Owen’s chain held in my right hand. This is exactly the methodology that Mr. Lehto learned to use on his dogs. He had a dog that kept coming back to him day after day to be petted. He noticed that when he did this with his left hand the animal seemed to move his body in such a way as to place the left hand over certain spots. When he measured these spots using his chain, he discovered that the spots had very negative energy. After a period of “draining the pain” that energy turned to positive.

I verified this on Mimi. I could feel muscle spasms in the muscles. Previously, over many years I had learned to massage these “knots” out. But “draining the pain” was simpler and quicker. I simply placed my left hand over the spot and let the negative energy drain out through the chain. As it does so, the chain circles counterclockwise. This is simply removing the negative charges. At a key point, the chain will stop, reverse, and then build up a positive count. An interesting thing happens at the point of reversal. The dog jumps or jerks or gives me a dirty look as if I had just delivered an electrical shock.

I felt that “draining the pain” was treating the symptom and not the cause. For some reason Mimi’s muscles were building up a negative charge which was being held in the muscle and not dissipated. Having studied physiology in college I knew that the muscles worked on electricity and that a charge trapped in a muscle would prevent the muscle from relaxing. It would prevent the proper restoration of the chemical balance that exists in a relaxed muscle. So I decided to try Owen Lehto’s saliva test.

When I got Mimi’s tests back it said that she was deficient in magnesium and potassium and vitamin B6. I began supplementing her diet with those three items. Within a week Mimi was jumping up on couches and chairs and acting like a spring puppy. The change was remarkable. Even my wife, a trained, experienced, registered nurse, had to admit that this was a pretty traumatic result of energy field medicine.

When I sent the saliva for Ace and Mimi to Mr. Lehto, I did not identify which of the two dogs was sick. He correctly identified which one was sick and diagnosed exactly the problem. The methodology worked. Further, Mr. Lehto analyzed my own mineral and vitamin deficiencies from my handwritten note, which I included with the dog’s saliva samples.

It surprised me that he could do this, so I later compared that analysis with the analysis he had done using a sample of my own saliva. The two reports were exactly the same.

Mr. Lehto’s methods were developed entirely on his own. He was unaware of the development of the field of radionics. Radionics is energy field medicine. This is most

likely because radionic instruments were banned from manufacture and sale in the United States in the 1950's. However, radionics did continue to develop and thrive in England and Europe and is still in practice today. [RUS]

Radionics was invented by Dr. Albert Abrams, a medical doctor in San Francisco. In the early 1900's, he was examining a patient who had a lip ulcer. While giving the patient a complete checkup he percussed with his fingers the upper part of a patient's abdomen. He discovered that several square inches of the surface did not sound normal. Instead of having a hollow sound, it was absolutely dull under his fingertips.

Dr. Abrams was very experienced and skilled at the practice of percussion of a patient. This consists of tapping with the middle finger of the right hand on the middle finger of the left hand, placed gently on the abdominal wall. Puzzled by his finding, he asked the patient to lay on a couch in another part of the room so that he could palpate him to see if there was some solid mass under the area. He did not find any such mass. He asked the patient to stand up by the couch and again repeated his percussion. This time he found no dull sound. The area of the abdomen gave its normal hollow sound.

Dr. Abrams could have passed this off as simply an error in his previous finding. But he was a trained scientist. He knew that what he had observed was valid, so he asked the patient to stand where he had originally done his test. When the patient stood in this position in the room he again got the dull sound. Dr. Abrams realized that he had found something new, exciting, and important. He tested the patient facing north, south, east, and west. He carefully recorded his work. He continued the process for the entire afternoon, repeating the tests again and again.

He found that this patient, who had with a small cancerous ulcer on his lip, had a well-defined area on his abdominal wall, just above the navel, which invariably sounded dull under percussion, but only when he faced west. If he faced towards any other point of the compass the percussion would only yield the normal, hollow note. [RUS] Abrams continued the investigation and found that the patient had a second area near the left shoulder blade that also yielded a dull note.

This was a profound discovery in medical history. It marked the beginning of a long and meticulous research era, which led to what was first called the electronic reactions of Abrams, and later became known as radionics. Abrams was known as an above average doctor of his time. He was a member of the American Medical Association and author of many medical textbooks. He was director of Clinical Medicine at Leland Stanford University. His medical degree was from the University of Heidelberg, with the highest possible honors. He did postgraduate work in Heidelberg, Berlin, Paris, Vienna, and London under such famous teachers as Virchow, Frerichs, Wasserman, and Hermann Von Helmholtz. Von Helmholtz was one of the great scientific figures and teachers of the 19th century. He was a physician, a physiologist, a physicist, a mathematician, and a philosopher of science.

From him, Abrams acquired a knowledge of the developments of physics of his day, which is the area of early discovery of electronics and radiation, including the invention of the radio. So Dr. Abrams was well trained in the scientific method and was well aware of the electrical properties of radiation.

He did his studies scientifically and always used a control subject. He reasoned that he was detecting radiation coming from the atoms of the molecules of the cancerous tissues, and that those signals were affecting the muscle contracting fibers in the body. That accounted for a different muscle tone in the area he was percussing. He thought the radiation was electrical.

He then reasoned that if this signal had an effect on nerve fibers in the patient, that it might be possible to carry this effect through a copper wire to another subject, and detect it by percussing the subject's abdomen. This led him to set up a blind experiment. He had an assistant, who was shielded from his view, connect and disconnect a copper wire to the patient's forehead. The other wire was attached to the forehead of a second person used as a receiver. Dr. Abrams then percussed the receiver's abdomen. He was able to detect exactly the same dull sound in the receiver's abdomen. He could only do this when his assistant had connected the patient with the copper wire. Dr. Abrams could tell when the wire was connected because the percussion could be done. When it was not connected, it could not be done.

Note that this is exactly the same finding that Owen Lehto made with his dowsing chain. Mr. Lehto found that he could detect the negative energy from his well through a copper wire run some distance away from the well. In this case, his copper carried the negative energy signal from the well to him. His body acted as the receiver and the chain, with its circular motion, was reading out the electrical energy. This is exactly the same as Dr. Abrams reading out the energy from the tense muscles in the abdomen.

In passing it should be noted, though, that I have verified that Owen's chain does not work on muscle action causing the rotation. If the chain is held with an insulated glove, it does not move. This, and the use of the copper wire in both of these experiments, verifies that the energy is being transmitted electrically. Again, the copper wire is of great importance because the copper molecules in the wire tune into the frequencies that stimulate the copper molecules in the human skeleton. They work together to help make the second human a detector.

So what Dr. Abrams had discovered was that the electrical energy field patterns created by diseased tissue could be transmitted and detected electronically. Of course at the time of Dr. Abrams discovery, electrical theory and practice were in its infancy.

That did not deter Dr. Abrams from pursuing his investigations. He found that if he placed a decade resistor box in series with the copper wire, that he could set the dials

on the resistor box to different positions and tune into the signals from different types of diseases.

Decade resistor boxes are still used in laboratories today. They are built with wire wound into resistors around a circular form. The resistors are selected with a ten position switch. By setting several switches, any desired resistor value can be set. But each resistor is also a coil, a tuning circuit. Each winding has a particular inductance and self-capacitance. That makes it resonate at a particular frequency. The dials simply switch in different combinations of such resistors. At very low frequencies these elements act as resistors. At higher frequencies, though, they act as tuned circuits exactly like the tuned circuits used in radios to tune to radio stations.

So Dr. Abrams had stumbled onto a methodology to tune into the weak electronic signals being given off by diseased tissues. Of course, this all had the aura of magic about it. So there were those who vilified Dr. Abrams and attacked him for teaching what he had learned to others and for selling them tools to duplicate his work. Those who did duplicate his work found that they got much the same results.

But the human element was involved. Receivers and operators both had to be carefully selected from the population. Not everyone made a good receiver. Of course, the receiver had to be healthy and completely disease free themselves.

And the operators needed a certain skill. Dr. Abrams was a very skilled practitioner of percussion. Other operators were not as skilled. That created some variance in the results that led some to believe there was nothing to Abram's work. Others who could verify it, generally confirmed and accepted his work.

We know now that the electric field of the earth and each individual's natal antenna would also have produced some variation in the results. This is not to detract from this pioneering work, but merely to show that an understanding of the larger environment can explain some of the difficulties in making this work a purely scientific and accepted practice.

Dr. Abrams went on to research ways of treating illnesses with his methodology. He found that when he introduced certain substances into the measuring circuit that he could neutralize or "zero out" the signal from the diseased organ. For example, he found that quinine could zero out the signal from malaria. Mercury would cancel a signal from syphilis. So he reasoned that various compounds could be selected scientifically to treat various illnesses. He developed a methodology for doing this to make the prescription of medicines more accurate and more reliable.

Dr. Abrams went on to develop, with the aid of a talented inventor, Samuel Hawthorne, an electrical box which could generate different signals. These signals would then be used for the treatment of disease by connecting the box to the patient. This box was called an "oscilloclast." The signal fed to the patient had negative voltage spikes at

about 100 Hz. Between these spikes a radio frequency pulse was applied. The signal was passed through the resistance box, and applied to the patient with a set of wires.

The oscilloclast was so successful in curing patients that it aroused the interest of the general public and suspicions of the medical profession on both sides of the Atlantic. The news of Abram's discovery and success in treating patients spread throughout the world. Doctors came from all over the world to San Francisco to study his methods. Many distinguished American and British doctors duplicated and verified Abrams' work.

Further researchers discovered that the patient need not be present for testing. Testing could be done from a spot of the patient's blood. This blood spot became known as a "witness." The blood spot carried the energy patterns from the patient, exactly like the saliva sample carried the energy patterns from my dog's mouth and my mouth to Owen Lehto's saliva testing.

Both Mr. Lehto and radionics researchers found that a photograph of the patient could also be used as a witness. Radionics researchers found that they could treat crop problems from aerial photographs of the fields under question. It is beyond the scope of this book to detail the results of this expanded field of radionics. Interested readers should see the ***Report on Radionics*** by Edward W. Russell [RUS].

In the United States, one of the practitioners of radionics was Ruth Drown. Ruth Drown not only used Dr. Abrams methods and equipment, she made her own improvements. She became widely known as a radionics practitioner superior to most. However, she had no formal scientific training or medical training. Yet she developed her own theories about how radionics worked and devised better instruments and treatments. Ruth Drown obviously had a sensitive natal antenna because she felt that much of her work and her discoveries were "psychically inspired." We know now that her moments of inspiration and discovery were driven by the earth's electric field.

One observer of radionics said, "In conversations with her one could tell that she was in touch with a tremendously complicated internal system of pattern harmonics, a self regulating system of 'resonant vibrations,' of which all I can say is that I was convinced she knew what she was talking about, even though it could not be translated into terms which would pass muster in present science." (Mr. Arthur Young) [RUS]

However she came by her knowledge, there is no doubt that Ruth Drown was successful in diagnosing and treating many illnesses. Over the years she attracted a large, devoted, and grateful following. Among the improvements in the instruments made by Ruth Drown was the incorporation of a rubber detector in place of the human detector. She also redesigned the tuning box pioneered by Dr. Abrams.

Mr. J. Cecil Maby, who made extensive scientific studies of dowsing, evaluated the Drown instrument and found that when using the Drown apparatus to test organic and inorganic specimens, her Drown readings were almost perfectly correlated with those

he had found in dowsing, and also to the molecular or atomic weights and numbers of the elements.

This is further evidence that radionics equipment, as well as dowsing chains, such as rediscovered by Owen Lehto, are tuning into electrical signals whose frequencies are determined by the molecular structure of the molecules themselves. These extremely high frequencies are apparently carried as modulation on lower frequency energy waves. This has been verified by too many people in too many different fields at too many different times not to be an accurate description of what is happening.

A modern version of such a “molecular scanner” was reported in ***Popular Science Magazine*** in April 1997 [GOU]. The report describes a new technology used to scan suitcases for plastic explosives. The scanners use a variation of Magnetic Resonance Imaging called Quadruple Resonance Analysis. The technology was developed by the U.S. Army 30 years earlier to detect plastic mines. A prototype scanner was developed by the U.S. Naval Research Laboratory. This scanner works by:

1. Sending a pulse of low-intensity radio waves through the suitcase.
2. Nuclei in the materials are momentarily tipped out of alignment.
3. As the nuclei right themselves, they produce a unique radio signal.
4. This signal is picked up by a radio receiver and sent to a computer.
5. The computer analyzes the signal and identifies the materials.

To date, more than 10,000 materials have been uniquely identified with this technology. This technology is obviously a completely electronic form of the system used by Mr. Lehto and in Radionics. It’s existence validates the practices of both. Use of this technology in medicine should be pursued aggressively.

In one of her later instruments Ruth Drown did away with the resistance elements in her radionics tuner and simply used two strips of metal. These would have selected higher frequencies than the coiled resistances, probably in the microwave range. They also had less signal loss. Her tuning elements were circles of copper divided into segments by insulated material. While I have not had the opportunity to examine these instruments, there is the possibility, mentioned in ***The Report on Radionics*** [RUS], that this instrument actually worked by selecting the harmonic position on the copper circle, thereby making the tuner not a frequency tuner but a harmonic tuner. This, of course, needs further investigation.

Ruth Drown also invented a form of radionics camera. By connecting a wire from her tuner and holding the end near photographic film, she was able to photograph pictures of a patient’s internal organs. A strange phenomena is that if the patient were

connected to the tuner, the photograph would show the outside of the organ. If a blood spot witness was used, the photograph would show the inside of the organ. Among the new techniques and methods developed by Ruth Drown, her photographic method has had the least success in being replicated. It apparently requires a very well tuned individual to transport the image from the tuning equipment through their body onto the film. I suggests a study of Ruth Drown's natal antenna pattern will reveal that she has a highly harmonic pattern and very closely spaced spokes in her antenna, giving her a very high frequency ability. Of course, the taking of the photograph would have been subject to the swirls, waves, and intensities of the earth's electric field at the time. However temperamental this apparatus may have been, it was sufficiently documented for Ruth Drown to receive British patent 515,866 on her device.

Two things make one vulnerable - success and failure. Success made Ruth Drown vulnerable. The established medical community had a certain fear of her and her methods. When they discovered they could not buy a monopoly on her instruments, they responded with an attack. Ruth Drown became the first person to be actively persecuted for their radionic work. Apparently someone treated by her was unsatisfied with results, and complained to authorities. This gave the medical profession and the Food and Drug Administration the opportunity to bring Ruth Drown to trial. Keep in mind that this is a period in American history of paranoia. This was the period of McCarthyism. This was the period of when actors were blacklisted from the industry on the suspicion that they may have admired the altruistic goals of Communism.

Many who observed the trial had the impression that the charges against Ruth Drown were trumped up. Numerous patients testified on her behalf. Several doctors testified on her behalf. It was clear from observers that whatever she was doing did, indeed, work. However, the prosecution brought forth experts in radio transmission who testified that they knew of no radio technology that could account for her success. In other words, because they couldn't explain it with what they knew at the time, it was labeled as incorrect. It was further labeled as a hoax and malpractice. Ruth Drown was found guilty. She was convicted of fraud and medical quackery. She appealed. The appeals took years. Meanwhile, the authorities seized and destroyed all of her instruments. They broke her spirit and shortly after serving a brief prison term, she died.

The injustice did not end there. The Food and Drug Administration banned all radionics equipment sale and use in the United States, both for diagnosis and treatment. There is no doubt that a major force behind this prosecution were the drug companies. The threat to the multi-billion dollar drug income river was simply too large. Electronic devices that could treat patients as effectively as drugs and be produced for a few hundred dollars, be used over and over and over, and shared, offer no opportunity for repeated income. In 1985 the prescription drug industry in the U.S. was over six billion dollars. A decade later it is probably closer to 25 billion dollars. [BEC1] What industry with this kind of revenue stream would not fight vigorously independent study, research,

and practices which would completely eliminate this income stream?

These drug companies, of course, make large contributions to the politicians of both parties. These politicians control the laws and, therefore, have controlled and circumvented the flow of energy field medicine as a science, at least in the U. S.

Fortunately, radionics had its spread to other countries. During the Second World War Britain passed laws forbidding the import of foreign made instruments. One of the doctors who wanted another Drown instrument and could not import one, showed the instrument to an engineer friend and asked him if he could copy it. The friend was George (Bill) De la Warr. Bill De la Warr said that he could copy it. Permission was received from Ruth Drown to duplicate her instruments in Britain. This launched Bill De la Warr on his own development of instrument construction and improvement. We will return to the story of De la Warr and his instruments in a moment. But first we should mention the outstanding pioneer of British Radionics, Dr. W. Guyon Richards [RIC].

Dr. Richards was a distinguished surgeon and an administrator in the British Indian Medical Service and later in World War I. He was a calm, steady, meticulous practitioner at the art of medicine. He kept careful records of his work which he published in a book. Richard is the first to have added electronic amplification to radionics equipment. He appears to be the first to have installed a Faraday shielded cage around the equipment and the operator. This Faraday cage at least partially shielded the equipment and the operator from the changing earth's electric field, but not from the changes in the earth's magnetic field.

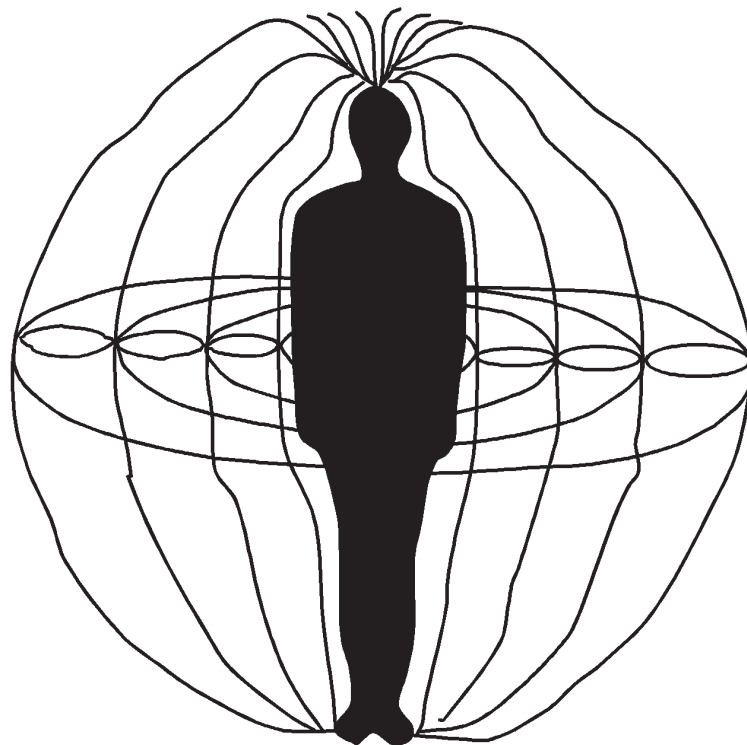
The amplifier added by Richards was a high frequency radio amplifier designed to amplify energy in the three to four meter wavelength. This translates to a frequency between 75 to 100 MHz. Recall that the dimensions of the human head and its frequencies lie in the range between 25 and 250 MHz. The amplifier added by Richards would, therefore, amplify signals at a frequency to which the human head will resonate as an antenna. This means that Richard's modification of Abrams instruments allowed him to tune into the earth's electric field, as resonated by the human head. He used that signal to make medical diagnosis.

Richards also found that his subjects must face west, a practice that aligned them with the earth's electromagnetic field, and that air gaps both in his instruments and between contacts on the subject's forehead enhanced the reactions. Richards did not understand why, but the cause is probably that these air gaps further tuned the signal to a specific frequency.

Richards verified Abram's works and catalogued the dial settings that tuned into particular diseases and materials. ***He further made the discovery that the atomic numbers of the elements corresponded to the settings on his dials.*** This was independently verified by Maby. It further supports my contention that the molecular

structure of the elements in the path of electric field transmission adds a modulation to the electrical waves passing through it. This is exactly like the radio transmitter adding the sound waves on top of the radio frequency signal. The only difference is that in this case the high frequency molecular signals are added to a lower frequency “carrier wave.”

Bill De la Warr furthered the young science of radionics with hard work, ingenuity, and an incurably inventive mind. After duplicating Ruth Drown’s instruments, he began to invent improvements. His improvements and his precision at craftsmanship in building instruments earned him a high respect amongst the practitioners of radionics. His instruments were built to the highest standards of British craftsmanship. His research was carried out professionally, completely, and thoroughly. De la Warr investigated and proved that blood chemistry could be changed by the proper application of electromagnetic pulses from small solenoids attached to various parts of the body. His research showed very clearly that electromagnetic energy could affect the human body. His experiments showed that electrical energy could lower the cholesterol level of the blood and it could lower the white cell count. Bill De la Warr also carefully mapped the electric field surrounding a person. This figure shows his result.



**ELECTRIC FIELD AROUND HUMAN
MEASURED AT DE LA WARR LABORATORIES**

In 1965 the De la Warr Laboratories conducted an experiment wherein they succeeded in establishing a state of “radionic rapport” between a young man in New York and his photograph in Oxford. This experiment demonstrated that a link existed between the person and the photograph. When a light was flashed on and off over his photograph in Oxford, electrical recordings on the man’s body in New York changed precisely in step with the light flashes. The experiment was repeated a number of times and always produced the same result. This proved that a photograph could produce measurable effects in the person and that distances made no differences in the radionics energies.

This experiment has been discounted by many because of the lack of explanation of how the distance mechanism could work. Obviously, this effect occurs through the earth’s electric field. A person’s image on a photographic film acts as a tuning device that will tune the signals flowing through the photograph in such a way that only that person or an antenna of the exact same shape and harmonic dimensions can tune into them. Electric currents flowing through the image were modulated both with the harmonic patterns of the individual and the light flashes. The earth’s electric field carried this tiny, but highly personalized, signal to the person in New York. The currents flowing through that person were matched by the person’s resonant structures, and the circuitry in the brain. The neural systems detected the match, and the bioelectronics locked on to the signal, in exactly the same manner as a modern FM receiver locks onto a signal using a phase-locked loop. Once locked onto this individual’s signal coming through the earth’s electric field, the person’s bioelectric circuitry amplified the signals and picked up the 60 Hz flashing light modulation. That modulation then showed up as electrical changes on the person’s spectrograph.

This was a well conducted experiment and should be repeated, especially since we now have an explanation of how the effect at a distance works. It is anticipated that these experiments will also show variability because of the individual’s natal antenna and the timing of the experiment. The effects of the Sudden Impulse phenomena reported early should be observable. Of course, it will take time, diligence, and patience to conduct the experiments, but the theory laid down so far should be a guiding beacon for the successful conclusion. My own experience with my remote viewer friend has convinced me that such action at a distance is possible. It is a small step to go from viewing to affecting.

Radionics practitioners have reportedly treated patients remotely for many years. If this can be scientifically investigated and harnessed to better effects, the world may become a better place to live. Of course, there are two edges to this sword, and either edge may cut deeply. The other edge is that people may be manipulated through this device, and cause great harm. There may be sound, scientific reasons why something like hex dolls used by voodoo witches could work.

In the New Age we will either have witchcraft or scientific sanity. The tools will become well-known and available to both the forces of good and the forces of evil. Only wide spread information dissemination will prevent the misuse of these capabilities.

Many are already tuning into this process. The book, ***Healing With Color and Light***, by Theo Gimble [GIM] gives a complete explanation of New Age practices for diagnosis using a dowsing chain and treatment using colors and lights. This material is on the right track, but it has lacked scientific acceptance, documentation, and explanation. That should change in the New Age as the human sensors of subtle energy signals are replaced by scientific instruments based on Quadruple Resonance Analysis and other technologies.

In the movie series, Star Trek, diagnosis is routinely done by scanning a patient with a hand-held electronic instrument. This piece of science fiction is closer to the truth than many have realized. With proper design these instruments are clearly possible. It is only a matter of time before the widespread acceptance and use comes into being.

Personal experiences of scientists will aid in this process. Dr. Valerie Hunt tells a story of a bladder infection that she encountered while on a trip to Europe. She was going to visit some scientists who had restored a polluted lake to health using an energy vibration system. When she arrived on her trip, she found herself ill. She recognized it as a bladder infection that she had encountered before. Unfortunately, she had not brought her medicine for treating this.

When she explained her situation to her host, they explained that they had been working on a laser beam treatment device which could probably cure her problem. They explained that this device transmitted the laser beam through a specially designed filter to treat a particular illness. The filter was designed after making measurements on the individual's body.

Dr. Valerie Hunt could not see how this would work, since she was in Europe and the instruments to do the measurements on her body were in England. But her host said, "No problem, give us a sample of your saliva. We can transmit the laser beam through it. After all, your saliva will contain a message of what is wrong with you." Pressed for time, and at a loss of what else to do, and seeing no risk in the procedure, Dr. Hunt consented. She provided the saliva sample, which was then used as a lens through which the laser was passed over her body. Amazingly, within 20 minutes she felt better. Within an hour she resumed her busy schedule.

It was very clear to her that the treatment had worked. Is it any wonder that Dr. Hunt firmly believes that ***all illness is in the energy field first and then in the body***? And that the cure should come from the same energy field? I believe it, too. So we have a minority of scientists going the right way.

Experience and explanation will make believers out of many other dedicated scientists. It is these dedicated scientists that will help convert the teachings of the New Age healing (which have been around for a long time) into the Science of the New Age.

I had an experience similar to Valerie Hunt's. It made a believer out of me. Once a year my wife and I go to an ice skating show called the **Campbell Soups Tour of Champions**. This show is put on by skating champions from the Olympics and the professional world. It is always a marvelous show and a great inspiration seeing world class champions performing at their best.

It is our custom to invite another couple who similarly enjoy this show to go with us. In 1997 we had arranged to meet our friends for lunch before the show. Everything was set and arrangements were made.

One hour before the show I was suddenly stricken with violent, nauseating diarrhea. I never get diarrhea. I never had felt such an avalanche of negative currents. As I sat in the bathroom, I was wondering if I was going to survive at all, let alone be going to the ice show. I was deathly ill.

After the first episode, I took a large tablespoon of Pepto Bismol, hoping that it would at least slow the diarrhea. From past experience I knew that this treatment would take several hours to work, if it worked at all. It looked like the show was off.

Fearful of missing this once a year event, I thought to myself, "What else can I do?" I remembered my charging circuits. I remembered Dr. Hunt's research work that showed that illnesses were frequently associated with the energy field being "scrambled." This is a state of chaotic oscillations. Since my field of work is chaos in markets, I knew that chaos comes from the energy fields. I reasoned that my problem was chaos in my own energy field. I thought that perhaps lying in the charging circuit would stabilize that field.

I said nothing to my wife, who was concerned at my sudden illness. I quietly slipped down to my basement office and laid down in my charging circuit. I closed my eyes and looked for the color. It has been my experience that when we close our eyes, that we will see a color if we look toward our forehead. This is called the "third eye." Even lying in darkness we will see a dominant color spot in that region.

Mine is normally magenta. While giving treatments to "drain the pain" from my dog, Mimi, I focused on making this spot green, the color of healing. The spot is normally stable and smooth.

When I focused on my spot, I found it a bright, swirling, raging red. It looked to me like a red tornado. I began to concentrate on the color green. As I did so a small green spot appeared in the center of the tornado. It gradually widened until it completely covered the red spot. The swirling red spot would intermittently pop back in and gain control. But I kept focusing on green.

Within 10 minutes I had achieved a stable green spot. Simultaneously the swirling, churning gurgle in my stomach began to fade. At the end of 15 minutes in the charging circuit my stomach was calm and my spot was stable. I shifted the spot back to my

normal magenta color. In 20 minutes I was feeling far, far better. I went back upstairs and announced it was time to go.

My wife was a little surprised that I was ready to go, as she had just seen me stumble like a gray ghost from the bathroom. I carried on as if nothing had happened. I did not tell her what I had done to treat myself.

When driving to our appointed lunch my wife suggested that I might not want to eat anything. I suggested I would probably be okay if I just chose what I ate carefully - maybe get a light salad. She rolled her eyes and looked at me but said nothing. At lunch I ordered my favorite double cheeseburger complete with fries. By the time lunch was over I was feeling great. The meal stayed down well, conversation was delightful, and the ice show was spectacular.

We progress by learning. When we find something that works, we stick with it. Energy field medicine does work! More and more people are trying it as an alternative to traditional medicine. As scientific understanding of how it works, why it works, and when it works, how it fails, when it fails, and why it fails increases, we will become more and more accepting and skilled in its practice. We will even verify and validate that energy field medicine can be delivered remotely around the world using the earth's electric field.

We will reach a point in the New Age when there is no reason for anyone ever to be ill. Reaching that plateau will not come easy. It will mean that the current way of doing things must change. Those who have gotten rich selling cures for illnesses that can be cured by anyone with the right knowledge will fight the changes vigorously. But free knowledge will prevail.

In the words of Prince Machiavelli in ***The Prince and The Discourses***,

“There is nothing more difficult to take in hand, more perilous to conduct, or more uncertain in its success, than to take the lead in the introduction of a new order of things, because the innovator has for enemies all those who have done well under the old conditions, and lukewarm defenders and those who may well do well under the new.”

Free Energy

It is commonly accepted that we get our energy from fossil fuels, solar energy, wind energy, and a few other sources. All of these are well known to science. Yet there is a group of serious scientists around the globe who claim it is possible to draw energy out of the vacuum of space. Much of this work is described in Dr. Neiper's ***Revolution in Science, Medicine, and Technology***. [NEI2] Another recent work that summarizes a vision of the vacuum field as the vision of the New Age is ***The Whispering Pond***, by Ervin Laszlo [LAS].

There is an annual international symposium on new energy held in Denver, CO. These scientists are joined in a common belief that energy can be extracted from the vacuum of space itself. The symposium is sponsored by the ***International Society for New Science*** [ALB].

These engineers and physicists come from over 20 different countries. Some examples are Dr. Renee Louise Vallee of the French Atomic Commission, Professor Shinichi Seike, Director of the Gravity Research Laboratory, Ehime, Japan; Professor W.A. Teller, Stanford University, Soviet Nobel Physicist Lev Davidovich Landau, Dr. Harold Aspden of England, and Tom Bearden, Colonel U.S. Army retired.

These physicists compute that every square foot of space contains 15,000 BTU's of energy per square foot. That's equivalent to one very hot stove in every square foot of space. The goal is to tap into this.

These scientists have been developing theories of how energy can be extracted from the space of the universe. Many claim to have built machines that run directly off of this energy. These machines achieve an energy conversion efficiency greater than 100 percent. These machines are displayed publicly at the International Symposium on New Energy.

Fundamental to the theories behind these machines is the fact that everywhere in space that we look we find four properties: matter which has mass, space which has distance, time which has seconds, and charge - electrical charge. This has led scientists to adapt a measurement system called the MKSC system for Meters-Kilograms-Seconds-Coulombs. Anything in the physical universe can be expressed in these four units of measure. For example, BTU's, British Thermal Units, can be converted into kilogram-meter-seconds. Your weight in pounds can also be expressed in kilograms.

Many of these scientists point to the works of Nikola Tesla [MAR] as the beginning point of this new science movement. Nikola Tesla was a contemporary of Thomas Edison, yet he was a far superior inventor. Where Edison succeeded by trial and error, Tesla

experimented in his head, tested things mentally, fixed the problems, and then produced finished drawings for his machinist.

Tesla is credited with the invention of radio. Marconi copied it from him. Tesla invented the AC power system that supplies electricity to the entire world. He invented the polyphase generators, the transformers, the entire distribution system, and the motors. Without his inventions the world would not be lighted and powered the way it is today. Tesla also invented the fluorescent lamp.

He invented a highly resonant radio frequency transformer called a Tesla coil. He built large scale versions of it, and created lightning bolts that lit up the skies of Colorado Springs, CO. He designed the electrical machinery that first brought electric lights, power, and machinery to the World's Fair.

Tesla understood the power of resonant circuits. He understood that even large systems could be set into a state of resonance. In one experiment, he attached a small vibrating motor to the steel structure of a building in New York. When he adjusted the speed of the motor to the resonant frequency of the building, it began to vibrate violently, enough to cause a minor earthquake in the vicinity. This brought a quick visit from the staff of the neighboring police station. This experiment so frightened Tesla that he ripped the motor from its mounts to stop it.

Tesla had a plan to provide electrical power to the world utilizing the earth's natural resonant frequency and the earth's ionosphere. He was apparently the only scientist of his age to recognize that the earth's electric field could be used to transmit information. To distinguish this "static" field from the propagating electromagnetic waves used in radio he called the waves he set up in the earth's electric field "non-Hertzian waves."

Tesla discovered many things about drawing energy from the earth's electric field, much of which has been lost to science. There is a story about Tesla's magic car.

In his seventies, Tesla had lost financial backing for his worldwide power scheme. What really defeated it was the worldwide deployment of his earlier scheme based on wires. His new scheme would transmit energy through the earth's electric field. He wanted to do it for free. That didn't sit well with those who had purchased his patents on his wired system and were getting rich from it.

Because he lost financial backing, Tesla became somewhat bitter about his inability to carry out his plans to transmit energy around the globe. So Tesla turned his attention to his own projects, one of which was an amazing car.

This car was a Pierce Arrow that had the gasoline engine removed and replaced by an electric motor of Tesla's design. This electric motor was connected to a box about twenty-four by ten by six inches. This box contained twelve 70L7 radio tubes and a six foot antenna.

Tesla claimed this box received power from the earth's electromagnetic field, and that this power ran the automobile. He demonstrated this car, so far as we know, to only a few people. It is known that he demonstrated it to a nephew and to Lee DeForest, the inventor of the vacuum tube. Reportedly, this car performed as well or better than the gasoline powered Pierce Arrow.

Interestingly enough, this meticulous scientist and inventor, who kept accurate, detailed records of his work, left no records of this car. At any rate, if he did leave any records, they disappeared. There is a rumor that there were records at one time. After his death, Tesla's records were moved to his home country of Yugoslavia in 1952. The rumor is that Soviet scientists removed anything that might be of use to them or their enemies, the United States. In this scenario the details of the car would surely have been removed.

Could this car have worked? What we know about the earth's electric field says that it could have. There is available a voltage to produce a current. In order to work, the car's receiver would somehow have to tune into a large amount of this current, and concentrate it through resonating. Then it needed to efficiently supply that concentrated current to run the motor.

Remember the "haunting" reported earlier? In that incident, the earth's electric field was apparently concentrated strongly enough to run a dryer motor. Did Tesla learn to do this by design? I think he did.

Then there is the work of Dr. T. Henry Moray [NIE2], of Salt Lake City, who powered his house with a box containing some kind of semiconductors and crystals. The story goes that as he began trying to get a patent on this work, that he was scrutinized by agents of the federal government. His patent was refused, even though he demonstrated an ability to generate 50,000 watts of power from the air.

Instead of success, his life became a horror story. He was shot by an intruder. His device was smashed. He was never able to rebuild it.

Moray's device consisted of wires, which acted like an antenna, feeding into a tubular structure of multiple sections (resonant cavities) of semi-conducting material made up of crystals. My suspicion is that he had learned to draw current from the earth's electric field, much as the biocircuit charging circuit does, but with more current. Moray learned how to resonant this energy in his cylindrical device and used the crystals both as resonant devices and as PN diodes to pass the current in one direction without letting it flow back into the device. This could work much like the human skeleton works in extracting energy when someone uses a biocircuit.

Someday Moray's device will be reinvented. When it is, it will work on the principals of energy extraction from the earth's electric field, resonance, and harmony explained in this book.

Many of these free energy devices use some form of resonant energy exchange to extract free energy. A number of the devices, such as the DePalma N-Machine [NIE2], consist of a motor and a generator, with the generator feeding energy back to the motor in a resonant fashion. Conventional scientists are at a loss to explain how such a machine could overcome the losses inherent in the resistance of the wires coupling the machines together. However, theoretically, if such a machine is tuned properly, it could extract energy from the earth's electric field sufficient to overcome the losses of the interconnections. In this way the generator could produce enough output to run the motor, which drives it as well as supply additional energy to a load.

These machines to date have been very promising but the claims of completely free energy have not been totally verified. They aren't in mass production yet.

A number of devices apparently are delivering more output energy than they are consuming. P. Correa developed a plasma energy conversion system and has received a patent on it (U.S. Patent 5,449,989). In his device, plasma is set into oscillation and more energy is extracted than is input into the device. Theoretical calculations by physicist Harold Aspden explain how the Correa device works. In Aspden's model of the universe, all of space consists of a very small grid in three dimensions. The grid is spaced at the Compton wavelength of the electron. In his theory, each cube in the grid contains electrical charge. This is true throughout the universe. This electrical charge can be extracted from the space and returned to the space. The flow of charge, of course, is an electric current.

Of the theoretical physicists whose work I have reviewed, Aspden's seems to be the most complete and simplest [ASP]. This conclusion is based upon how his calculations work out. His theoretical calculations have identified fundamental physical quantities, such as the mass ratio between the proton and the electron. He has calculated several particle masses, including undiscovered particles, which were later found. Like many of the pioneers of the New Age, Dr. Aspden has been largely ignored by the Old World Order. However, I expect that his work will stand the test of time.

Colonel Tom Beardon has done much to formulate additional theories of how free energy can work. The fundamental equations of electrical engineering for electrical fields and waves were discovered by James Clark Maxwell in the 1800's. Maxwell's mathematics predicted the existence of radio waves which could propagate. These were the radio waves later used by Tesla, Marconi, Hertz, and others to transmit intelligent information over distance.

In these equations there is a term which Maxwell assumed to be zero. In Beardon's [NIE2] formulation of these equations that term is assumed to be "apparently zero," but is really composed of two counterbalancing values, one positive and one negative. By building devices which can control this term, Beardon hypothesizes many different ways to build free energy devices.

Joseph Newman also formulated a theory of electromagnetic radiation which is a deviation from current theory [NEW1]. He did so to explain the operation of a device that he used to power an automobile. This device consists of a very large coil of wire, which is first charged with a tiny electric battery, building up a large electromagnetic field around the coil. This coil is then switched from the battery to apply a voltage across a motor. As the electromagnetic field around the coil collapses, it forces current out of the coil into the motor, causing the motor to operate. More energy is extracted than is used to build up the field, Newman claims.

In the 1980's Newman attempted to patent his device and found himself embroiled in a war between conflicting experts. Some testified that his device did absolutely work and did deliver more energy than it consumed. Other experts refuted this, resulting in Newman not being able to obtain a patent. There are rumors of opposition to Newman's device from power companies and other established brokers of energy to the public. Again, different conditions in the earth's electric field may have caused the machine to work at one time, but not at another.

A contemporary of Albert Einstein, Wilhelm Reich, discovered a form of energy that he called orgone energy. He discovered that this energy ebbed and flowed in people, plants, and chemical processes that he studied. Reich was an early psychiatrist, who was a student of Sigmund Freud, the originator of psychoanalysis [DEM].

Reich's clinical work led to his observation of "currents of emotional energy in the body." Reich discovered that pleasure was identified by an increasing bioelectric charge at the surface of the patient's skin, while anxiety was accomplished by a loss of this same bioelectric charge. So Reich became interested in energy flows in all living things.

He set up a process to create amoebas, to study their interaction with electric charge. Amoebas are created by culturing them directly from moss and grass. As he studied this process under a microscope, he found that the first stage of this creation of amoebas was the formation of small blue-green vesicles. These tiny vesicles would develop independently and then clump together. Then a membrane would form around the clump. Inside the clump, the vesicles would pulsate and roll for a period. Eventually the whole thing would move away on its own, having turned into a new amoeba.

Reich discovered the same small blue-green vesicles in other life processes. He was convinced he had discovered a new form of energy. He called these vesicles "bions." He discovered that bions were developed in the natural process of disintegration and decay of plants and animals. He felt that the decay was releasing life energy in the form of the bions.

Reich experimented with creating concentrations of bions. One bion preparation made from pulverized beach sand heated to incandescence and then immersed into a sterile nutrient broth, yielded a powerful radiant energy. The solution emitted such strong radiation that lab workers developed conjunctivitis if they looked at it too long, and skin

inflammation if they touched it. The radiation magnetized nearby iron and steel instruments, and created a static charge in rubber gloves. Photographic film near this solution fogged.

Reich attempted to capture the energy from his bion cultures inside a special cubic enclosure lined with sheet metal. He found that this enclosure trapped and amplified the radiation. To his surprise, he discovered that when he removed the bion solution, the energy remained within the enclosure. Reich became convinced that his special enclosures were capturing some form of energy from the atmosphere. He called this energy orgone energy.

Reich spent many years developing these orgone energy accumulators. Eventually he immigrated to the United States to escape persecution from the Nazis. He built a laboratory in upstate New York and established an active program of research and education.

He discovered that several diseases could be treated with his orgone accumulator. Doctors associated with his work treated people with cancer and reported cases of remission. Publicity of this work led to persecution and prosecution of Reich by the Food and Drug Administration. Despite the effective testimony of many doctors, Reich was thrown into prison. Although he entered prison a healthy man, he suddenly died in prison, reportedly of natural causes. Some doubt that government claim.

This all happened in the same time frame that Ruth Drown was being prosecuted for her medical work in radionics. Is that a striking coincidence? I don't think so. I think that at this point in American history the drug companies had become very powerful and were adamant that their drug delivery form of medicine would be forced upon the American people through legislation, if nothing else.

The federal government even went so far as to ban all books published in the U.S. **with the word orgone in them**. Many Americans are startled to discover that this extreme form of censorship of research, knowledge, and freedom of the press existed in America, the land of the free. To an extent, it still exists.

Despite all this, knowledge of Reich's work has survived and has been carried forward. Complete details of how to construct your own orgone accumulator are contained in the **Orgone Accumulator Handbook** by James DeMeo, Ph.D. [DEM]. These accumulators are metal enclosures with insulated layers between each layer of metal. The enclosure starts with a metal box surrounded by insulation, another metal box, more insulation, another metal box, and more insulation. The metal used is steel or iron. Steel wool is also used, but aluminum does not work correctly. A box so constructed produces a measurable increase in temperature inside the box.

Reich took one of these boxes to Albert Einstein. Dr. Einstein could not explain how it worked. At the time he was busy with his own theory of the unified field. After puzzling

over Reich's box, he concluded that perhaps the temperature difference was due to convection currents. However, he did admit that if the effect were valid, it would ". . . revolutionize the thinking of physics."

The temperature increase inside an orgone accumulator is real. It has been measured by a number of experimenters. The secret of how the orgone accumulator works is the earth's electric field. The metal boxes form resonant chambers. The steel metal provides a low reluctance path for magnetic currents to flow. Aluminum does not work because it is not magnetic. These magnetic currents flow through the metal, creating electric currents. These electric currents encounter the high resistance of the metal, creating heat. Inside the box the effect is a temperature increase and a strengthened field.

This stronger than normal field leads to an explanation of the results associated with the accumulator. Plants sprouted within this accumulator grow bigger and faster. That is because plants grow along the lines of the electric field in proportion to the strengths of the currents.

People sitting in the accumulators experience a sense of heightened awareness, calm, and relaxation. This is because the accumulator has increased the current flow through the body exactly like the biocircuit does. It is the same effect that Dr. Hunt observed in the UCLA Mu room.

The orgone accumulator has been shown to have day-night variations in its internal energy accumulation. This is again because of the rotation of the earth and the shifting of the ionosphere to a higher altitude. Just like the higher altitude produces a lower voltage on humans causing them to sleep, the lower voltage experienced by the accumulator reduces its energy collection.

The bions discovered by Wilhelm Reich are tiny resonant chambers. They are stable swirls in the earth's electric field. In the formation of the amoebae, these resonant chambers trap electrical energy from the earth's electric field, resonate it, and strengthen it. This is what produces the glow in the bions. As the bions fuse together and clump, they form a larger resonant chamber, which actually turns into a live amoebae.

Wilhelm Reich was probably the first person to directly observe the clumping of energy to form matter. So Reich's orgone energy turns out to be due to the earth's electric field. His observations and work now take on a new light in view of this fact.

It is all a part of the same pattern. The earth's electric field supplies an immense amount of energy to everything on the planet. Wherever it is collected and resonated, it becomes a positive force. It can even promote growth or the creation of new living matter.

To date, the work on free energy devices to create unlimited power for individuals has progressed slowly. In part, this is because it has been done by trial, error, and experimentation. As theory is added to this process, the rate of progress will accelerate.

Much of the free energy work has focused on the behavior of particles that are microscopic. I suggest that a focus on the larger view of the earth, it's electric field, and a means of tapping energy from that field, will provide a quicker, shorter path to the day when every person on the planet will have as much energy as they need without paying a single penny to the power company.

Of course, those who have made their fortunes providing energy to people and addicting them to the comforts of the modern electrical home will not surrender their monopolies lightly. Every effort will be made to squash, outlaw, ban, and forbid free energy devices. The inventors of these devices will continue to be persecuted and prosecuted and ridiculed by the established powers. But in the end, the knowledge will come out, free energy devices will exist, and the New Age will be better. We just have to use our heads.

Debugging Your Brain's Programs

This book has hinted at the struggle between freedom and control. I believe that this historic struggle between these two powerful forces is attributable to the basic nature of our two brains. The human head actually contains a left brain and a right brain, connected by the cerebral cortex.

In trying to understand my own brain and that of a great inventor who worked for me at Bell Laboratories, I developed a model of the left brain and the right brain. This creative inventor, BC, has 66 patents. One day he was assigned to my group. I was called in by my department head, GL. GL is a meticulous, organized, methodical business manager. He told me, "I am putting BC in your group. I would like you to figure out why we don't understand what he has invented for ten years. We always seem to discover that he was right and we should have put his ideas in our products years earlier." I took that as a challenge.

I asked BC for copies of all of his memos and patents. I immersed myself in reading them. What I found was stream of consciousness thinking that jumped from here to there, then back, up, down, left, and forward. BC's memos were a recording of his search paths in creating the invention.

Reading them sparked beautiful images in my mind. I could quickly see that BC was using his right brain in his creation. When I looked at his writing it was very clear to me that a left brain manager such as GL had an very hard time reading the material. It did not follow a "logical sequence."

I began to realize that the left brain is the serial brain. It processes numbers and tokens and does sequential steps - one, two, three, four. The tokens it processes are words or numbers. It has very limited storage, so before it takes in any words or numbers, it has to evaluate their worth. If it judges that the numbers or words are of value, it will accept them and store them. If it judges them of no value, it rejects them. This seemed to be the brain most developed in GL.

The right brain takes in images. It has virtually unlimited storage, because it stores images holographically. It therefore does not need to filter information. The right brain accepts all images and stores them.

Internally this creates a retrieval problem. The images must be somehow associated with an idea, or thought, or word to aid retrieval. When given a new image, the right brain seems to make an association based on "looks like ...", and throws the new image in a pile. Each incoming image is loosely associated with known piles. There is nothing particularly binding about the organization. It is just a convenient way for the right brain to heap things into the memory.

The left brain, however, is very organized. Everything is placed in a neat tidy box and organized, alphabetized, numbered, serialized.

Some say the left brain is linear and the right brain is nonlinear. Those words are loosely descriptive but not precise. The two brains look like the desks of two different people. GL's desk was always uncluttered, neat, and efficient. BC's desk, and in fact his entire office, was a collection of books and papers, piled here, piled there, piled everywhere. For BC, it was efficient. For GL, his office was efficient. Their exterior environment reflected the brains they were most accomplished at using.

Each brain seems to have its own goal. The left brain wants the entire world to be a simple set of steps - one, two, three, four. It wants to exert control on the world, control over others, control over everything. Let's get organized.

The right brain, however, likes its fluency and its freedom. It sees big pictures and small pictures and interchanges them rapidly. Its goal is to maintain this freedom, this fluency, this ability to express itself.

The left brain is the brain of a Roman emperor with an organized state, highly trained armies, and codes of law. The right brain is the brain of Genghis Khan and his raiders, who took their horses and swept across all of Asia and Europe. They wanted to go to the ends of the Earth - ride free, ride far, and sack Rome.

Seeds of the historic struggle between control and freedom, then, lie within the anatomy of each and every person. The creative right brain needs and seeks freedom. The orderly left brain needs and seeks control. Each is naturally suspicious of the other, since they have opposite goals. But for any creative person to succeed, they must learn to make their two brains cooperate.

I realized that this was BC's problem. After I explained my brain models to BC, I gave him a challenge. I said, "BC, this is how the two brains work. You are an inventor and you think very clearly. Think of how your left brain works. Then I would like you to write your next memo, not the way you have been writing your memos for 35 years, but for a left brain person. You have to take those grand images and relationships that you see in your right brain and convert them to simple, sequential, serial, logical language for your left brain. Do that within your own head. Then put it down on paper."

The result was one of the best memos I have ever read. It outlined a new invention in clear, logical, convincing prose that included its economic ramifications.

In my own research I have learned to use both sides of my brain effectively. As I study problems I am constantly asking myself, "What do I see?" I take in images and associate them with other images. I have discovered that an interesting phenomenon happens. Even the right brain is somewhat limited by the associations or links between

images that it has already stored. Occasionally it will bring in a picture that doesn't seem to fit in any pile.

It has a choice of starting a new pile, or inventing some new association. Sometimes it will create a new association that links two previously disconnected piles. Suddenly, the images merge into a new concept. Then that linkage suggests another association, and more piles are suddenly linked. Suddenly, a new structure, a new concept, a new understanding exists. It happens in a flash.

When this occurs, a great surge of electric current passes through the body. This is the "Eureka!" moment of discovery. I call these new links Diane links. They are named after a fellow airline passenger who politely listened to my explanation of this process while I verbalized it for the first time. I am sure that when this happened, I was undergoing a creative Sudden Impulse.

That act of verbalization was me conveying what I knew and understood on the right side, through the cerebral cortex, into structured language on the left side of my brain. This process of right brain to left brain conversion is critical. It is the key to translating new ideas, concepts, inventions, and visions into plans, tasks, and actions that make them happen. It is what lies behind the old saying, "Plans make dreams come true." To succeed, we must master this verbalization process. So we need to understand the struggle between our two brains.

Each brain seems to mistrust the other. Our left brains view our right brains as "... disorganized, spacey, and frivolous." Our right brains view our left brains as "... bean-counting, dogmatic, and stupid." Each brain views the other as, "They do not understand what we are really talking about."

Mind you, this is not a discussion of other people in our company. This is your two brains discussing each other. Is it any wonder that this pattern of behavior is reflected in our organizations and our outside environment?

There is an electrical connection in this brain model, as well. The brain is an electrochemical storage unit. The thoughts, words, and images that we store end up as electric currents flowing in various parts of the brain. We create our own highly customized and organized piece of the universal electric field.

It seems to be true that the electricity flowing at the time of storage of a word or image creates an emotional response that is permanently stored with that image. If the "write voltage" is high, when we access that voltage later the "read voltage" is also high. Events experienced with a great deal of emotion are recalled with a great deal of emotion. Remember, emotions are electric currents.

Increased current flows aid in recall of all images. At those times when our natal antenna is picking up a lot of energy, our recall mechanisms work better. I can recall

childhood events clearly and vividly when in the proper state of mind. They are as clear and as bright as the moment they happened. They are like incredible video tapes of my childhood. I can even fast forward and rewind them.

This knowledge can be used to aid memory recall. When we want to remember something, we need to put ourselves into a high current state.

This can be done by linking the thought with one that already has some “emotion” associated with it, such as “This changes everything.” Then when we are trying to recall something, we similarly can improve our recall efficiency by putting ourselves into a high current state. Recalling past, pleasant, similar high energy events can set the tone for improved recall in the current setting. For example, a student taking a test can recall a previous test on which they excelled.

The Death and Life Programs

Many think of the brain as a computer. It operates using biocircuitry called neural networks. These neural networks have been simulated in computer programs. These programs are widely used to solve problems which require some form of pattern matching and recognition. But more important than the model of the brain as a computer is the question “What program is the computer running?”

Our subconscious brain always seems to be running a program trying to keep us sane. Sanity to this program means that what we are observing in the external world corresponds in a sane way with what we are holding internally. If the outside matches the inside, we are sane.

This part of our brain seems to run one of two programs - the death program or the life program. It runs one or the other, switching back and forth. It cannot run both programs at once.

The first line of code in the life program is, “I’m the greatest thing that God ever created. Perhaps I am God himself.” The first line of code in the death program is, “I am totally worthless and should not even exist.”

These programs are constantly computing our self-worth. They greatly influence how we perceive our external world. If we are running the life program, we interpret the words and images coming in positively, ignoring those that don’t match up with our positive self image. We look for evidence that the life program is correct. We say, “I’m the greatest.” We notice something we did good, no matter how trivial, and we say, “See that proves it.”

If we are running the death program we will take even a minor error as absolute proof that we are worthless. we say, “I always screw up.” And we find the evidence to prove it.

Both of these programs feed on themselves. The longer they run, the more information they collect to justify their existence. The more information they collect that matches their first line of code, the further we go in the spiral. One of these spirals, that of the death program, ends in suicide. The spiral of the life program is upward to higher and higher levels of achievement. It ends in some form of ascension to a higher plane.

This feedback mechanism lies behind positive imaging. We can create images in our brain, make them seem real, and create a positive future. The brain treats invented images the same as it does perceived ones. If we can dream it, we can achieve it. But the images have to preexist. We have to deliberately create them. More often than not, the images we use were not deliberately created by us, but were unintentionally created by others.

As we go through life, every word spoken to us, every image presented to us by others, every event, becomes part of our computer programs. Everything that happens becomes part of our life program or part of our death program. Throughout our lives, others have been programming us.

We cannot blame them because they were unconscious competents. Our parents, our siblings, and our friends did not know that they were programming us for success or failure with everything they did. Even “jokes” were taken by our brains as the truth. **So most of us have a lot of programming which may not be helpful to us.**

In the New Age we need to be acutely aware of this. Each of us can use this model of the brain and its death and life program to find parts of code that can be erased.

If you experience a particularly uncomfortable event, sit down and relate that event to all past events. What prior experiences made you feel similar? What prior words did you hear echoed when you heard these words? What prior images did you relate these to? By using this technique, you can backtrack to prior events and rediscover the emotions and the negative energy stored with those events. Once you find the “bad programming,” you can correct it.

You can use a number of techniques to erase these images. You can use the thought erasure method explained earlier. By repeating the phrase, “Even though I felt bad about this prior event (express in detail), I deeply and profoundly respect myself,” you can overpower the previously recorded event with the strong self-worth statement and erase the negative images.

Another technique is to frame the image of the prior event in a mental picture frame and then shrink that frame smaller and smaller until it disappears. The two methods can be combined. They are especially effective if done while using a biocircuit.

This model of the right brain and the left brain, with different organization and different goals, and the concept of two programs, has greatly aided me in my self-improvement.

As I have erased negative past experiences, and negative lines of code, my overall feeling of success and accomplishment has gotten better and better. You can do the same. It is all part of how the electric field interacts to form our electric life. With focus, discipline, and knowledge you can create a better life for yourself using these techniques.

Closing Thoughts

I have not been able to explain all mysteries with my theories. Some don't fit perfectly. But for the sake of completeness, I'll speculate on a few more.

Take UFO's.

UFO sightings seem to have a common characteristic: bright oval-like or cylindrical-like objects that move at incredible speeds. These objects are frequently described as glowing or shiny. They seem to move very quickly and then suddenly disappear.

One physical possibility is that these sightings are a previously unrecognized physical phenomenon. In the wave structure created in the earth's ionosphere, it is possible for energy to be trapped in the interference pattern between two or more waves. This interference pattern is approximately elliptical. If visible, it could look much like a flying saucer.

An immense amount of energy can be trapped in this interference pattern. This energy can set up resonance within the pattern. The boundaries of the interference pattern act as if there were solid walls in a microwave waveguide. As energy resonates and increases within this area, it could ionize the gases within it, exactly as gases are ionized by the aurora borealis.

These ionized areas would tend to be stationary for a period of time, then as the fields shift, they would tend to dart or jump to a new semi-stable location. From there they might dart to a third location and eventually seem to dart away. The semi-stable states in interfering fields occur at distinct "quantum" distances. Transitions between these states is very rapid. This would account for the rapid movement of the ionized areas, giving the appearance of a highly maneuverable vehicle.

Could all these reports of flying saucers or at least some of them be explained by waves in the earth's electric field? I think they could.

Bruce Cathie [CAT] has formulated a theory of UFO sightings relating to a harmonic grid pattern on the globe. These sightings occur at specific points on the globe that are related to the harmonics of a sphere. While Mr. Cathie's harmonic calculations are different from the author's, there is a common tie. He does find points where energy is maximized.

Mr. Cathie, an airline pilot, assumes that these are some secret energy portals through which UFO's enter and leave the earth's environment. They may simply be points of harmonic energy buildup in the earth's electric field. It is beyond my limited time to check this out further but it is an idea that some reader may wish to pursue.

Now for another topic. There has been much ado made about a structure on the surface of Mars which appears similar to the face of a man. Some even think it looks like the face of Jesus Christ. In his book, ***The Monument of Mars***, Hoaglund [HOA] points out multiple mathematical relationships between features on the Martian surface, then points out similar mathematical relationships in structures and features on Earth. Each of these features has a rich set of numerical relationships. Then Hoaglund jumps to the conclusion that Earthlings went to Mars or Martians came to Earth. I do not believe that is a valid leap of logic.

The features on Earth and the features on Mars were formed by the same processes of harmonic energy addition. On both planets, energy operated the same way, following the laws of harmony and resonance. This action, of course, produces similar features. The face of Christ was produced by the same laws of harmony and resonance. So it is quite possible that these laws produced similar patterns twice.

These are the laws of the universal energy field. The fact that they operate in multiple places on multiple scales in the universe does not mean that Martians came to Earth or Earthlings went to Mars. What it means is that the rules of harmony and energy addition and resonance have existed for a very long time and will exist for a very long time.

Another current mystery are the crop circles and crop patterns being created in fields in England. These patterns have mystified all those who have studied them. Specific, geometric patterns are carved out of a field of grain, where the grain is swirled flat to the ground. This has occurred in fields which were surrounded by security. The possibilities of a hoax have been pretty well ruled out.

The mathematics of these shapes indicates that they are being created by energy addition following the laws of harmony and resonance. ***The swirl pattern in the grain is what one would expect from an intense vortex in the electrical field, flowing downward into the ground.*** Such a field, if controlled correctly, could produce the patterns in the fields.

The real question is whether these are occurring naturally, because the electromagnetic fields over England have created a particular organization that is creating the crop patterns, or has someone learned to manipulate those fields remotely? Has someone on this planet reached that level of knowledge of how energy operates?

If they have, it is a scientific breakthrough. Those of us that don't know how to do it need to worry about the intentions of those people.

Another thought. There are thousands of stories about near death experiences. They all entail a person's experience of leaving their body, being able to view it from above, then passing through a swirling vortex tunnel of light. This swirling vortex tunnel is possibly a tornado in the earth's electric field.

These reports imply that what we view as our soul is a self-contained swirling vortex in that field. Somehow it gets sucked into the larger vortex and passes to the other side. Is this Dr. Harold Aspden's returning of electrical charge back into space? It could be. Or is this a shifting of our vibrations, our electric signal frequencies, to a higher and higher frequency? Is this a shift to frequencies so high that matter does not form and that everything is simply a field?

This could lead to a very real possibility of reincarnation. If our souls are components in the universal electric field, they could exist outside of a physical structure. They could be recaptured inside a physical structure, if the structure matched their particular frequencies and resonant energy points. This would be entirely consistent with my field theories, and the study of the life of souls between physical lives by Dr. Michael Newton [NEW2].

That is a scary thought to an engineer and a scientist who has worked hard to do things right in this life. I sure hope I did things well enough because I don't want to come back and do this over again. I don't want to come back and start over from scratch. I guess that is one reason for writing this book. If I do have to come back and start from scratch maybe I will find this book in some library, and I won't be starting from scratch. I'll pick up where I left off.

Full Speed Ahead

There is a New Age coming. It can be much better than the Old Age. How it effects you personally depends upon the actions that you take. This book has outlined a theory of how the earth's electric field operates. This theory has explained many of the mysteries of the world to date. This theory provides a framework for analyzing, studying, and improving practices, treatments, and methods in many fields.

Once guided by theory and mathematics, we cross the bridge from the unconscious competent to the conscious competent. We go from being handymen to being engineers. We go from trial and error and brute force experimentation to methodical, calculated design.

This book has shown that the physical dimensions and the physical shapes of people and objects are all significant. They determine the wave lengths of electromagnetic radiation to which the objects respond. It is all antennas, waves, transmitters, and receivers. The principals of operation are the same, whether we are working on the scale of viruses, bacteria, and molecules, on the scale of the room about us, on a global scale, or on the scale of the cosmos.

Throughout it all, the energy waves behave exactly as we understand electromagnetic waves to behave. We can transmit them, tune them, resonate them, and manipulate them. We have done this in our microcomputers and in our communication systems. That same knowledge and experience can be applied to the treatment of diseases, the creation of free energy, and the establishment of a better world in the New Age.

In this era, anyone who has studied the sciences and mathematics can find some way to help engineer a better future. Everyone can learn to observe the harmonic structures created by the motions of the planets as they effect the earth's electromagnetic field. A broader scientific understanding of these effects will lead us to a deeper understanding of how we are all connected by the earth's electric field.

A deeper understanding of the abundance of energy available to all will kill the terror of scarcity. It will free the masses of people from enslavement to manipulative laws, employers, and additive life styles which have shattered the promises of the Old Age.

Anyone can create a biocircuit or purchase one cheaply. Anyone can collect their own energy from the universe using the biocircuit, meditation, exercise, and other techniques. Anyone can learn to treat mental and physical problems using energy field theory. Anyone can grasp how energy fields operate, how the electric currents flow, and how to harness them for their own benefit.

By understanding the principals of resonance and harmony, anyone can learn to produce harmony in their own lives and in the lives of those about them. So there is much to be gained in the New Age.

We will also lose something in the New Age. As we become knowledgeable about how the universe operates, we lose our excuse that “they” are at fault. We can no longer curse at the things that enslave us, the people who enslave us, or the practices that enslave us. We will know and understand that there are alternatives.

We can no longer not change. In the New Age we must accept the responsibility to use the new knowledge and the new ways efficiently and effectively. Hopefully this book will provide a background to help many of you understand that there is a New Age, that it can be better, and that it will be based on the foundations of science that we built in the Old Age.

We can create a better order in the world than we have in the past. We will do that with discipline, patience, and knowledge. This book has been my contribution to furthering that knowledge. May you use it effectively.

Happy Energy Fields! May the Electric Force be with you!

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Al Larson holds a Ph.D. in Electrical and Computer Engineering from the University of Wisconsin at Madison. He is a 1964 Distinguished Graduate of the U. S. Air Force Academy.

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