Chapter 5

One Law Or First Cause

The dream of every researching physicists is to find one law, or a small group of related laws, which is the base for all other laws—the base to which all natural phenomena will relate in terms of cause. This dream generates a quest that is not exclusive to the physicists. It has been the dream of both empirical and philosophical researchers throughout the ages. This writing, too, is a quest to fulfill this dream; to find one law which will not only satisfy the material scientists, but will also apply to the quest of the philosopher and even include the neurosurgeon as he investigates the brain, seeking how and where our physical sensors make themselves felt by the I of us. In fact, every knowing and thinking entity, which includes each and every one of us, dreams this dream and to a greater or lesser extent, nurtures this quest. Since the deepest probes into Earth's physical structure have not disclosed the method by which Nature puts things together, and since the deepest probes into the brain have not revealed a point in the brain to which the Mind relates in knowing; an expanded concept is needed in order to establish a common law to which both Mind and material have reference. As material substance does not move Mind, but Mind does move materials, our

quest for the One Law comon to both is basically a search for the seat of Consciousness to which electromagnetic material has reference.

In the not too distant past, Earth was thought of as a flat, stationary platform in Space which was the center of Celestial activity, and therefore, the seat of Consciousness common to Earth and its people. It all seemed so near at hand that Earth as First Cause of Life seemed logical. However, when the voyage of Columbus proved Earth to be a sphere, and later scientific advances like the telescope of Galileo Galilei, showed that it is a sphere within innumerable, ever larger spheres, all in a harmonious motion in relation to each other, this neat little package of Earth as First Cause of Life or the source of One Law, became obsolete.

During the past few hundred years, great men from every branch of science have uncovered scientific truths from so many different aspects that these truths, like pieces of a giant jig-saw puzzle, are disassociated and incomplete as related to each other. If it were possible to catch a glimpse of the Master Picture to which all these pieces belong, then there would be hope of fitting them together and of finding the One Law. With this in Mind, let us use our inner knowing and build a mental image of the Master Picture.

Since we must attempt this visualization from the physical, electromagnetic realm, it is necessary that we constantly consider our swayable emotions, lest our subtle sympathies, which result from these emotions, gain control of the mental picture. Emotions are akin to imagination. When we relax to enjoy a drama on stage, theater or TV, our sympathies can be swayed to almost any desired point of observation. If the main characters of the play are noble in motive, we mentally support their cause as we watch the drama unfold. However, should the leading character be a villian or a rebel to society, we tend to see the drama from his point of observation and be sympathetic to his cause. We can mentally support a wildlife killer, or thrill at the escape of a docile animal from its killer. We can easily become enthralled by the portrayal of a scene on screen, identify with the character being portrayed and feel

absolutely alone in the situation; even though we are surrounded by others watching the same drama, and we know that a whole crew of technicians and directors were watching the performance in the making. We can vision ourselves in Space, living the drama of astronauts within the space capsule in spite of the fact that we are in our easy chair and see only a portrayed image through the eyes of the camera.

In our attempt to glimpse the Master Picture, our point of observation is from Earth; thus our sympathies and emotions tend to be with things of Earth. The challenge is to understand and control our emotional self as we seek, and then to project this understanding and emotional control into our observation of the vast Cosmos.

When we observe our fellow men, the physical body appears to be identical to the Consciousness that speaks through it. However, to the individual occupant of that body, this is not true. As we have shown, the I speaks of the body as a possession, separate from itself. More and more this tie within man is being investigated in relation to new scientific discoveries that relate to man's faculties, and each new discovery involves mankind deeper with First Cause and removes, to a degree, his physical limitations. At the time when Earth was thought of as the seat of Consciousness for everything man knew about, including the star-sprinkled Space which appeared to move around it; mankind was also limited to his immediate surroundings. Although the written word could be sent out in script, direct communication at a distance was impossible. To be seen or heard one had to depend upon physical abilities only. For example, a group of actors upon a stage had to depend entirely upon the reach of physical sight and sound to share the drama with others. The radio extended the effective range of voice, conveying it to great distances via electromagnetic space, and now TV can carry the entire drama, which is viewed by camera and heard by an electronic ear, then amplified and injected into the jello-like resilience of the electromagnetic nature of Space, to again be made visible and heard at independent TV receivers. The pliability and flexibility

of the electromagnetic nature of space, and that same substance congealed in material form, staggers the imagination, and each new extension of its use extends our activity more deeply into energy Space.

Each Explorer probe that has been sent into Space beyond Earth's field, far exceeded what was expected of it. This can only mean that Space has ever more to offer as mankind extends his knowing. Nuclear physicists are also researching space—invisible, microscopic space, where forces meet and combine to make matter. The forces congealed in matter are one and the same forces that are in rapid motion in space and commonly called speed of light. In spite of the fact that basic theories postulate this, very little has been done by particle physics to tie atom space to outer space.

Nuclear physicists recognize four forces in the atom. Two of these are electrically physical or electromagnetic and the other two are non-electromagnetic. The two electromagnetic forces are readily detectable and are identified as the proton (positive) and the electron (negative) and thus are two contrasting forces. The other two forces are non-electromagnetic and have been named the neutron and the neutrino. The neutron is recognized as a strong force with mass equivalent to the proton but without an electric charge, that is, non-electrical. By accepted theory, the neutron is the force which, when nullified by bombardment with or by other neutrons, brings about release of heat or nuclear energy. The fourth force in the atom is the neutrino and it is so illusive that for years following its recognition, it was referred to as a hypothetical particle. The neutrino, like the neutron, has no electric charge and is at present considered a weak force. However, there is evidence that it quite possibly could be a strong force which, if it contains mass, that mass could be extremely large. At this writing, the goal of nuclear physics is to find how these four particles (forces) combine, by interaction and exchange, to form the atom and to establish a law by which these forces in the atom can all be considered to be electromagnetic substances. Should you wish to familiarize

yourself with these findings and what they indicate, you can find a good account of this in the *Scientific American.* An article in the July 1974 issue, "Unified Theories of Elementary-Particle Interaction" leads into an article in the December 1974 issue, "The Detection of Neutral Weak Currents."

As has been shown, the electromagnetic realm reacts to influences and lends itself to manipulation and manifestations, not only in the vibrations visible to the physical eye, but far beyond—both above and below. In spite of the limitations of our physical vision, we can use it to assist our mental survey of the vast Cosmos, provided we do not allow our emotions to see these forces as Earthly ones only.

The detection of the neutron and the neutrino in the atom bridge was the first physically acceptable evidence that strong non-electrical forces exist at the pre-atomic level, and that these forces serve as stabilizers to the electromagnetic realm at that point. These stabilizers of energy, and the insulators in generated electricity, when compared to each other, are seen to serve one and the same purpose. In electronics we depend on insulation to keep the positive and negative forces from dissipating. So, also, can stabilizers at pre-material level avoid dissipation of unseen forces which they control. They must, however, be denser or more forceful because they maintain control over electromagnetic substance in rapid motion.

Some tears of joy were shed when, during the first atom bomb explosion at the New Mexico site, it became evident that a chain reaction of monstrous proportions had not taken place as a result of the test. Many had been fearful, lest a chain reaction would extend to other atoms beyond the bomb to engulf those at the site, and even further beyond to those not aware of the test. This assurance, to a degree, removed pre-atomic and atomic forces from the category of common unstable, stored energy (explosives) and heralded the discovery of stable, pre-material or Space force.

Our quest for the One Law is away from Earth substance, thus we will be looking further into the unseen with its ever finer, more dense energy substance. The terms unseen and

more dense (higher density) may make that state seem to be less real and thus with less control than is the material substance which we see and which is coarser and of lower density. The opposite is actually true, the unseen, finer, higher density substance has the most control. It may help to give a physical example to show the relation of low density to high density. Let us visualize a bin of small pellets, then picture marbles or balls placed on top of these pellets. The marbles would, of course, stay on top of the pellets. Now, picture the bin first filled with marbles or balls and the tiny pellets poured on top of them. The marbles could not contain the pellets and the pellets would slip downward and disperse throughout the balls and marbles. Thus we see by this physical example that a denser energy substance can block or control the less dense energy substance.

Now let us begin our search for the One Law, taking it one step at a time, beginning at the most minute and ending at the most massive.

Step 1: We will start by observing the atom, which is where science has made the deepest penetration into material substance. We start here because it is the smallest unit which has a center nucleus, thus it can be compared to an uncountably small, micro, micro Cosmos. It is also the bridge between material substance and energy forces. The atom is hard to research because it is so minute in size; the electrical forces, however, can be made visible as an effect in a cloud chamber. This shows that they are more closely related to the material in the chamber than are the non-electrical forces, which are more stable and *are not* the carriers of energy flux which releases heat.

Step 2: Since living, biological substance is a higher form of Life than single atoms, our second step is to evaluate the living cell which is a grouping of atoms. Even as the electromagnetic energies combine to form the more complex energy cell, so do the non-electromagnetic forces combine to be a common center of stability. This center is called the nucleus.

We shall call it the "master cell." This master cell dominates and stabilizes its individual units, the atoms, and is visible only as an effect or subtle, stable control, at the cell center.

Step 3: Even as drops of water combine to make up a stream, the cells and their contained qualities combine to make up the organs of the physical body. Organs are more complex than cells, but they, too, are under control of a master cell. Thus, in unison, the electro type forces and the non-electro type forces, via a master cell, become a complex unit—an organ within a living body. The organs must also answer or comply to the nerve center and fields of the body which contains it. Our search does not end here.

Step 4: A human body is a grouping of organs on, and with, a skeletal and muscular frame. It, too, can be likened to a mini-universe, and even as an atom or a Solar System has a center nucleus, i.e., the central nervous system, which is the tie or master cell to forces beyond it. Although volumes have been written about this body of ours, it has never been fully understood or described, and remains one of the natural phenomena for which we are seeking the One Law. Since the human body is observable and feelable to each of us, we will pause here for further study. Our body, which is our personal mini-universe, is dominated by the entity I when it is awake or in the state of "I" consciousness. When we go to sleep, the I withdraws from active control and leaves the physical body under control of its master cell. The body then becomes passive and at one with the Universe, adopting its rhythmic breathing rate, and in this state receives repair and exchange of wornout cells. Rhythmic breathing is not new in the study of the Universe. Observers of both North and South auroras report a rhythmic 'breathing' during this phenomenon, which apparently is a result of polar flux meeting energy flows that "breathe." In order to go to sleep, it is necessary for the body to de-couple from the control of our Consciousness and at the same time to couple into the rhythm of the Electromagnetic Density, even as hibernating animals do for long periods of time. Sometimes when we are falling asleep, there is a mighty

jerk which feels as if we are physically falling. What happens is actually the reverse, as it is the separating upward of the I out of the body, which gives that feeling and results in the physical jerk. In this case, the withdrawal of the I has taken place a bit prematurely, while the consciousness is partly coupled or engaged to the physical body. The sensors for the I register an effect similar to that felt when seated in an auto and looking at another auto alongside. If either starts to slowly move, one can hardly tell which auto moved until an outside reference is used to determine which one made the move. This experience shows us that the I and the body have a part-time mental and physical relationship. We do not normally sense this togetherness, nor the division; therefore, it must not be of our design, and we must look beyond for the One Law.

Step 5: Our mental quest for the One Law now takes us to the Solar System which also has a center nucleus, the Sun. Only 30 years ago it was believed that in order to put an astronaut into Space beyond our Earth's atmosphere would require at least 3 feet of lead shielding around him to protect him from the Sun's rays. It was thought that if this were not done, he would be burned to a crisp within seconds. Today we know that even solid state devices, such as transistors and integrated circuits which suffer from excessive heat, can be safely sent on explorer satellites even to planet Mercury, which is quite near the Sun. It was also found, by Mariner 9, that the heat of Jupiter is of a nature that could not be attributed directly and totally to radiated Sun heat, which was thought only a few years ago to be the only heat that existed. Although little is said now, it will soon be common knowledge that planets make their own heat, aided by the Sun's field and Space energies.

It is now known that Space, within which we live, is indeed a much friendlier place than it was considered to be only recently, but our search for the One Law cannot end here because, although our Sun is a nucleus and is stationary in relation to us and our sister planets, it is anything but stationary in relation to the center of our local Star System, which consists

of our own Solar System, plus other Solar Systems, all of which orbit around a common center (nucleus) which is beyond our vision. As our Solar System with its planetary orbits causes seasons and changes, would not this larger system, this Star Cluster with its more numerous orbiting bodies and its longer time cycles, involve us in changes more subtle than our yearly seasons?

Step 6: We observe stars (suns) in Space, some by direct vision and others beyond them only by telescope. Although we cannot see the Sun centers of greater systems, they represent control, which is in a sense, handed down always from a higher control center to the one below it. If we were qualified to stand at our Sun frequency, we could possibly see the next higher control center (our Star Cluster), and from there the next higher (our Galactic Center), and from there should be visible a still higher center (a super Galactic Center), around which our Galaxy orbits as one of a family of Galaxies. Beyond this super Galaxy would then be a super-super Galactic Center, which gives order to that massive system and which again is a unit in a still larger system. This progression of looking into ever larger systems has to be as though looking from the outer to the inner, regardless of from which Solar System we may start, or where it might be located. In all cases, we would end up at Infinity, a condition that has no motion beyond It to which It would have reference. In other words, Infinity is a condition of Stable Stillness, in which absolutely everything in motion is within it; and to which everything in motion has reference for control and for law. Consequently, Infinity is absolutely Top Authority; and the One Law of the massive system, of which we are a part, as we are within It.

There is no need to seek further for One Law, nor need we question the source of any other law, as no lesser law within the Basic One Law could establish unquestionable authority or exist independently in Stable Stillness.