

# Torah Secrets of *Rosh HaShana* & *the Shofar*

*Astrology, Kabbalah, M Theory,  
Quantum Physics & the Sefer Yetzirah*

*By HaRav Ariel Bar Tzadok  
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Everyone knows that we are subject to the laws of nature. There is no getting away from them, no matter how hard we try. No one will jump off a high building and expect not to fall. No one will stand in front of a fast moving vehicle and expect not to be hit. We all have relatively certain expectations of what we can expect from natural law and we live (or die) accordingly. I believe we all acknowledge this as evident truth.

Now, let me ask you this; what are the parameters and boundaries of natural law? The examples I just gave, we all agree upon. Yet, how far does the influence and power of natural law extend? We know that the entire universe, planets, galaxies and even space itself are all part of greater "nature" and are therefore subject to natural law, just as we are here on our miniscule and insignificant little planet Earth. Have you ever considered the relationship of natural law as it affects the universe and natural law as it affects us here on Earth? You might entertain the thought for a moment and then dismiss it because it is far too vast a consideration and, after all, who knows enough about science to tell us about any or all of the intricate natural law involvements and relationships that we human beings here on Earth share with the universe at large?

True, modern science may not have all these answers just yet. However, ancient science revealed some information about our human interactions with universal natural laws that are radically profound and extremely relevant, especially at this time. The ancient science of which I speak is Torah. The one universal natural law I wish to address now we call Rosh HaShana. For most people these are topics of religion and totally devoid of science. Yet, the opposite is true. There is no word for "religion" anywhere in the Torah.

Rosh HaShana, while it is observed with certain rituals described as religious, is actually the marking of an astronomical alignment of the Earth in space. As this interaction with specific stars occurs, we come into contact with certain fields of natural cosmic radiation that envelops our planet and influences it for a time to come. The nature of this influence is manipulated then by human consciousness and behavior through the Rosh HaShana observances.

Rosh HaShana is called the New Year. It is a marker of the passage of time. It has become a religious observance, but in reality, it is a scientific event of great significance. As our Earth makes its annual passage through its unique relationship with that group of stars we call Libra, we interact with natural cosmic energy fields that inhabit this part of space at the time when this passage occurs. These in turn express a strong influence on everything here on Earth and its influence is felt until the coming of the next year's passage. This is why the ancients called Rosh HaShana, the beginning of the New Year and also the "day of judgment." They never meant this in a religious or mythical way. They very well knew and understood the astronomical nature of this event and observed it accordingly. Yet, the Sages of ancient Israel were not the first to become aware of this relationship.

Centuries before the receiving of Torah on Sinai, the ancient Chaldeans, (and possibly earlier civilizations) developed what we today call the twelve signs of the zodiac. In essence, they created pictures out of groups of stars shining in the night sky. They gave them names and ascribed to them attributes. They taught that as Earth rotates around the sun and our planet's astronomical position shifts in relationship to these stars, that there are fluctuations in some type of natural cosmic radiation that extends its influence over matters here and upon us. Today we call this astrology. Many today seek to dismiss it as old and foolish folklore. However, throughout human history and even today, in almost every culture and society worldwide, including many modern secular circles of big business and politics, astrology is still highly respected and revered for what it has always been: a science.

Unfortunately, modern astrology has become a pop fad with daily horoscopes in the newspaper and their like. These should all be dismissed and not taken for anything other than entertainment. Real astrology is not a predictive art for foretelling the future. It is actually a scientific explanation of what happens when our Earth passes through vortexes of natural cosmic radiations in its annual travel around our sun and how these fields of energy have an influence over Earth and everything on it, including us.

Rosh HaShana begins the Hebrew month called Tishrei. The astrological sign for this month is Libra, the scales of balance and justice. Remember, this picture of stars and this name was developed in a culture that existed far before and far away from Sinai. The ancients already knew that what we call Tishrei was a time of reckoning. Torah merely expounded upon and expanded what the ancients already knew.

Torah revealed to us more about this time period than was previously known. Prior to Torah, the cosmic influences of Libra were known. Torah came and taught us how we can interact with these fields and manipulate their influence for our betterment. More than this, we even have a Biblical story alleging that this passage of time in relationship to Earth also influences matters happening on other worlds. Cosmic fields of radiation are expressions of natural law. They are not fabricated; they are not a myth; they are natural and a part of science. As

such, we should not be surprised that their influence is felt far and beyond our own little corner of the galaxy. Somehow, regardless of differences in space or dimension, the relationship of stars and planets in synchronized time seems to have a binding factor for us here on earth with some "others" whomever and wherever "they" are.

The Biblical story I am speaking about is the Book of Job. In the opening chapter there is narrated a story about the "sons of god, discussing the affairs of the sons of men." True, maybe this is nothing more than a myth or metaphor, but tradition relates that this gathering occurred on, of all "days," Rosh HaShana. "Sons of god," whoever or whatever they might be are clearly not indigenous life forms on our Earth. They are clearly somewhere else in a domain that our myths call "Heaven." Who knows if Heaven is in actuality another dimension of being, or possibly another planet or world in our own universe. We have many unanswerable questions. Rather than argue about the unknowable, we can agree on what is known. The Biblical account is associating with Rosh HaShana "day of judgment" type characteristics, similar to the ancients representing this period of time in the stars by the sign of a scale (Libra), signifying balance and judgment.

In Torah legend, Rosh HaShana is described not as the day the Earth was created but rather as the day Adam first came to this planet. The Biblical tale tells us how G-d created Adam out of the "dust of the Earth" from the Garden of Eden. This is a lovely metaphor for our humble beginnings. However, the guardians of the secrets of the Torah revealed to us a rather shocking revelation about Adam. Prior to his being in our present human form, he was originally created in a much different form, one that the Bible calls, the "image of G-d." We only took our present form as Homo Sapiens as a result of the "fall in Eden." Yet, prior to this, we are taught that we were physically rather different from how we appear today.

Indeed, the guardians of Torah secrets actually suggest to us that the Garden in which Adam was originally "formed" was not on the face of our Earth at all. Without saying it outright, they subtly suggest that Adam might have had extraterrestrial origins. This insight adds extra meaning and significance to what we say that Rosh HaShana was the day that Adam came to Earth. This day marked a relationship in time and space that saw Adamic man come to Earth and thus begin the entire course of human events to follow. No wonder then that this day that the Earth's passes through Libra is celebrated as the "head" (rosh) of the year (hashana). This day is humanity's birthday and therefore, as this day served as the entry point of the human race to Earth, so too would this juxtaposition of time and space always have a profound influence over Adamic man. As Earth passes through this point in time and space on its annual passage around the sun, we regularly pass through that field of cosmic radiation that connects us to our original home in Eden and all the associated powers and influences of natural law that come forth from there.

When I speak about interactive energy fields operating within natural law I include within this the energy fields operating within the human being, both physically and psychologically (in which is include the spiritual). Through our technologies, we have all become familiar with what we know as electromagnetic fields. Most of our technological devices project such fields. They are real and very much have an affect upon things around them. What we often fail to pay attention to is that we human beings also generate our own electromagnetic fields. I am not speaking about some fantasy energy auras, I am speaking about brain waves, very real, very measurable fields of energy that are generated by our own brains and thoughts.

Just as the electromagnetic field of our cell phones can have affect upon us physically, so too can the electromagnetic fields that are generated by and project human consciousness.

Electromagnetic fields exist throughout the universe. Indeed, underlying the entire universe, scientists can still detect the energy field that they say is left over from the moment of the "Big Bang." Energy is everywhere. Energy is everything. We human beings are in essence packets of energy. We are integral components of the universe. We fit into the universe like cogs in a machine. We are connected to the greater whole. What happens in one area of the machine has an affect on other areas. Our universe is one giant machine and we are all parts in it, with distant parts having an affect on one another, all in accordance to the machine's design and operations. The interrelationship of everything in the universe is substantiated by science in what today I believe is called "M Theory."

M Theory believes that prior to the Big Bang our entire universe was an empty dimensional plane. It was only when a nearby parallel universe collided with our empty dimensional plane, at a specific point, that energy from the full one spewed out into the empty other and later that energy congealed to form physical matter. From this point of singular primordial energy came the diversity of the universe. Ultimately, therefore everything in the universe came from the same source and is therefore somehow still connected to it. Indeed, M Theory states that everything in the universe is still somehow connected and therefore, any one thing can somehow affect any other thing. If you will allow my use of metaphor, creation was almost as if the other dimension penetrated our dimension, ejaculated in it and impregnated it; our growing universe (and us) being the children. I use this metaphor because the guardians of Torah secrets speak in sexual metaphorical terms to describe the relationship between dimensions (Z.A. and NOK). There might be more to this set of terms than mere metaphor.

This interaction of primordial cosmic radiation fields affects everything, including human consciousness. King Solomon wrote that there is a time and place for every purpose under Heaven, a time to be born and a time to die, a time to plant and a time to sow. These nice words are much more than beautiful poetry. Solomon, who was a keeper of the secrets, was actually discussing natural laws and how cosmic energy fields bombard Earth in a relatively mechanical timely manner, influencing shifts in collective human consciousness and thereby influencing and shifting the course of events on Earth, be they political, social or economic.

This cosmic interaction between Earth, radiation fields and their influence upon human consciousness is by no means generic. The interactions never affect two people or two places in the exact same way. As each point in space is finite and subjective, so too is each monad of human consciousness. Each unit of consciousness is what we call a soul. As each of us go through our daily lives, oblivious to anything happening in the universe, we regularly pass through specific fields of cosmic energy bombarding our planet. Some are large and can affect all humanity, some can affect only a relative physical locality; some vibrate at a specific resonance that affect only individuals of a certain orientation of consciousness. Everything is subjective and relative; yet, everything operates according to the natural laws of the universe, in its own version of mechanical form.

Authentic astrology is the science of understanding how natural cosmic fields present in the universe affect life on Earth as Earth passes through them and is influenced by them. These

influences are scientific and not mythical. The nature of these energy fields are some form of electromagnetism, that may or may not be detectable by means known to present science. The nature of the influence that energetic fields have on human consciousness can be displayed in the laboratory. What is even more radical than this is the influence that human consciousness can have on energy fields. It is a well-known principle of Quantum Physics that atomic particles react in a different manner when they are being watched as to when they are not being watched. The nature of the observation affects them.

Our universe, our planet and our race all operate in this quantum reality, so too does our Torah. Torah is not a mere book about religion and stories of legend. It is an extraterrestrial communiqué of a quantum nature and contains within it significant scientific lessons. If we ever bothered to explore Torah scientifically and mathematically, we would make discoveries so profound that they would enable us to find our collective way back home, to the stars from which we came.

Torah directs its recipients to perform specific ritual acts, in very precise specific ways, in very precise specific moments. The details can be as complicated and precise as operating a technical piece of machinery or operating software on a computer. If the lessons of the Torah were merely symbolic and mythical in nature, then all the details would be superfluous and unnecessary. Yet, the fact that such details exists, with such precision, indicates to us that there is a reason for their being. A scientific exploration of Torah rituals reveals to us how human consciousness influences and affects not only human behavior, but also the electromagnetic fields (brainwaves) that they generate.

The significant ritual associated with Rosh HaShana is the blowing of the shofar (rams horn). Very precise details are given how a shofar is to be made, how it is to be blown and even how it is to be held in one's hand. Again, if this were all a metaphor, the details would be superfluous. However, the ritual of blowing the shofar, when performed properly, combining all the necessary elements, creates a manipulation of subtle cosmic energy fields that have a profound affect upon human consciousness. Thus, we have the synthesis of time, space, action and consciousness, each interacting with and influencing one another. The blowing of the shofar on Rosh HaShana is, in actuality, an implementation of a natural/scientific program facilitating the smooth flow of energy fields functioning within the universal machine. As an extraterrestrial communiqué, would we expect anything in the Torah to be any less profound?

Human consciousness is the vital key that can influence all the other energy fields in the universe. The untapped powers of consciousness are today called extra sensory perception. We all have these abilities. They are part of our being human. They operate and function autonomously, whether or not we are aware of them. This is why we can always be influenced by forces from afar, afar in time and afar in place. This is also why, when we train our minds properly, we in turn can influence forces from afar, afar in time and afar in space. In order to assist us to accomplish this, we perform rituals (mitzvot). These have deep archetypal meanings in the unconscious and therefore affect us deeply when we interact with them (by our performance).

Torah commandments are expressions of scientific universal principles. When we perform them properly we are creating influences and subtle shifts of cosmic energy that have a great

affect upon ourselves and our surroundings. Knowing the meaning of the time of Rosh HaShana is one thing; knowing what to do at that time is another. This would have been impossible for humanity to discover, had it not been for the reception of the Torah.

As the alignment between Earth and Libra occurs, the doorway that brought us to Earth reopens as it was in the beginning. When Adam came to Earth and stood at that metaphorical place on his descent, he was still fully connected to his source, receiving 100% of the energy that his source provided. Now, at this same time every year, we, Adam's descendants, return to the same place that Adam stood. Yet, what exactly is our individual relationship to the original "place" of Adam? Are we fully there or only partially there? Are we in direct alignment with the flow of natural cosmic energy emanating from our source or are we somewhat out of sync with it? Where we stand on Rosh HaShana defines for us how much of a reconnection we each individually make. This is what defines what we religiously call blessing and curse.

Mind you, where we stand is not a statement of physicality, rather it means where our minds and souls are in relationship to our inner human potential and source. "Above" usually is a metaphor for another non-physical realm or dimension where the power of mind rules supreme outside of the influence of finite matter. However, even such a "place" must have its correlate counterpart here in physical space. "Above" therefore is a parallel dimensional plane, possibly the one spoken of previously in relationship to M Theory, which according to the secrets of Torah, we call Eden. Yet, this dimensional plane has its entrances here in physical space, most likely in appropriately protected areas right here on Earth. As the Torah states, there is a revolving sword of fire guarding the way to Eden.

Our relationship with the cosmic energy field that flows from that other dimensional plane to ours defines for us almost everything in life, including our times of death. Indeed, the influx from that other dimension that began our dimension is the secret of life. The original influx ejaculated into our dimension, then and now, is the energy that Torah calls Nefesh and the Chinese call Chi. This is pure and raw "life force" energy, the fundamental power of creation and form. This is the indwelling presence of G-d imbuing everything in the universe and in Torah tradition is called the Shekhina.

This is why Rosh HaShana is "judgment day." On this day, as we travel through space and time, we return to our place of origin. The original window of Nefesh cosmic energy is there flowing down in its original abundance. How we stand at that moment in relationship to it defines for us how much of a portion we will be able to maintain for the year, until our return to that place. There is no greater "judgment" than this. Yet, it is only a metaphor to say that Heaven or G-d is judging us. Rather it is we ourselves that is judging ourselves. Our psychological/spiritual state in relationship to our true inner Higher Self (our inner Adam) defines for us our portion and prescribes how we will be influenced over the coming year.

Knowing well the full extent of our quantum universe, the Torah formed for us commandments that serve as archetypes that enable our true human essence to reconnect with our "higher" other dimensional source. This happens in a very precise and specified fashion, as do all other things in the laws and ways of nature. The Rosh HaShana blowing of the Shofar is a perfect example of this.

We blow the shofar in order to arouse us to inner contemplation and outer repair of bad character and other immoral or illegal behavior. This is not done in some silly symbolic way. There is actually a science to the shofar, its sounds and the mental contemplations projecting from the brain waves of the one doing the blowing.

The shofar is not a musical instrument; it is an instrument of sound. Sound, like electromagnetic fields have profound affects upon everything around them. Sound waves can kill and sound waves can heal; sound waves can create and sound waves can destroy. It is said that G-d created the universe speaking it into being. What G-d spoke was a unique combination of sounds. Interestingly, modern science believes that the smallest particles of subatomic matter are called strings. Their vibrations form larger particles that eventually form atoms, molecules and the rest of our universe of physical matter. Sound is thus the foundation of our universe. Everything comes forth from it. It is no wonder then that the shofar expresses a sound that is primordial. The shofar creates a sound that speaks to the inner essence of our being. Its sound contains a wealth of information, unknowable and undecipherable to rational consciousness.

Torah dictates that the shofar is to be made from the horn of a kosher animal. The details of making a shofar are not important now; what is important is what the shofar is used for. We blow the shofar during Rosh HaShana prayers. It is supposed to arouse us to contemplate bettering our lives. While many religious and moral teachings are taught about Rosh HaShana and the blowing of the shofar, it is only the guardians of Torah secrets who reveal to us exactly how the blowing of the shofar works to alter human consciousness and by doing this alter construct reality.

In brief, the language of the Kabbalah states that the sefirotic face of Binah called Imma (the Supernal Mother) is the one who blows the shofar above. She is said to blow the shofar over the head of "her son," the sefirotic face of Tiferet called Zeir Anpin. In synagogues today, the shofar is always held with its opening facing up. However, the Kabbalah teaches that its opening is supposed to be facing down, corresponding to the Supernal pattern. The guardians of Torah secrets were masters of metaphor. They concealed a tremendous amount of psychological and scientific information within their mystical codes. In order to appreciate the scientific nature of the shofar and how it influences fluctuations of the cosmic energy fields vibrating on this day, we have to strip the Kabbalistic metaphors of their myths and explain what really happens.

The sefirat Binah is the metaphor used to describe human consciousness. The mind is the mother of being. From the mind comes forth the heart, the seat of emotions, passions and motivations. The heart is the receptacle that connects the human essence to Earth. Unfortunately, it is also the heart that gets caught up, confused and misguided. When the heart is led astray, higher human consciousness gets disconnected from the point of consciousness active in the human body. Mentally disconnected from our higher Mind (source) we end up becoming trapped on Earth, exiled and lost from our original source.

This is the "fall of man" in Eden; it is a split of the higher mind from what has become the lower mind. This is a form of psychic/spiritual schizophrenia. We live in a finite physical reality here on Earth, lost and oblivious to our origins and true higher essence. In order to help us repair this breach in consciousness and to direct us home Torah came to Earth. Torah

speaks to our hearts and tells us what to do to reconnect our hearts, minds and souls. Torah speaks the language of the soul, the higher self, which now resides within the unconscious part of our minds. Mitzvot reverberate universal truths of natural law. They are not metaphors; they are actual scientific formulas for the transformation of consciousness that enables us to evolve from being present day Homo Sapien man to a future Homo Superious man.

The heart is metaphorically called Tiferet, Zeir Anpin, the small face of G-d. This is because it reflects the supernal image above. Lower "man" was formed in the image of supernal "man." Higher human consciousness, referred to as Binah the Supernal Mother looks after her children. Higher human consciousness looks down upon the heart, educates it, provides for it clarity and nurtures it with reminders of its true being. Unfortunately standard human living often creates interference and the inner "voice" of the "mother" is often blurred. This is the definition of exile. Exile is not a political or national condition; it is a condition of the psyche, of the mind.

The shofar is the channel that reconnects Binah (the mind) with Tiferet (the heart). Not only do we symbolize this by holding the opening of the shofar down towards the heart; there is an entire set of meditative contemplations performed as the sounds of the blasts move through the shofar horn.

We all pass through cosmic radiation fields at any given moment as they bombard our planet. The power of directed human consciousness can have profound affects upon these fields. Sound waves can be directed by human consciousness through the medium of voice. The tonnage of voice can be elevated and strengthened when projected through the shofar. Therefore, the blowing of the shofar when performed correctly along with the appropriate focus of mind can create a profound affect upon those who encounter the sound waves it projects (in other less scientific terms, those who hear its blasts).

The specific focus the mind takes during the blowing of the shofar is called by the Kabbalists kavanot meditations. They are a very intricate and detailed set of instructions for the movement of Nefesh energy (shefa in Hebrew) from its domains above in the highest realms in the inner recesses of the unconscious mind to ultimately manifest here on Earth, specifically within the human heart (the "head" of Zeir Anpin). It is not enough that one have a general conception of this; the duty is in the details. Compare this, if you will, to operating a computer. You can know how to turn on and off a computer and even know how to move its mouse, maybe even how to open a program. Yet, can you write the program? Do you understand how to write the program for Windows? Most likely not! Your knowledge of computers is limited; there is only so much you can do with what you know. Granted you can do some things, but what you cannot do far outweighs what you can. This same example applies to kavanot meditations.

First, one must have the training to discipline the mind in order to be able to attain a state of focused mentality. Only when the mind can remain focused without distraction for significant periods of time will it be able to attach itself to pure unadulterated, non-mythical thought and use it to manipulate the energy fields surrounding and penetrating human consciousness. Indeed, a very good Kabbalistic meditator, like the Biblical prophets, could use their powers of mind even further to actually manipulate physical matter.

This is how the Kohanim used the combined power of their shofar blasts to topple the walls of Jericho. This is how Eliyahu HaNavi was able to in essence, create the rain that he was praying for. This is how numerous Sages throughout Torah history used their mind powers to create material forms. The stories of golems and animals being created out of the technology taught in the Sefer Yetzirah are far from mythical. There are those who to this day have sufficient education and training to manipulate these forces.

On Rosh HaShana, when the time is right, trained human minds, make use of specific rituals and by doing so create profound psychic affects in collective human consciousness. The blowing of the shofar by those who know what they are doing according to the secrets of things is at a subtle level of consciousness heard by everyone around the world. The numerous others blowing their shofars on Rosh HaShana without the proper mental focus are acting as local amplifiers for the "voice" emanating from the mouth and the mind (Binah/Imma) of the properly trained.

In conclusion, my purpose in writing this essay was to demonstrate a little of what in Torah circles we call, "ta'amei mitzvot" (the meanings behind the commandments). We have for so long made a myth of Torah and religion to the point that many have fallen away from it, dismissing it as nothing more than outdated fairy tales. This is partially the fault of those Torah teachers who themselves do not know the true depths of Torah. How can the student be expected to embrace that which even the teacher does not know?

I believe in light of the moment it is wise to reveal the underlying scientific realities of Torah. In order to dispel myth I believe it is prudent for us to understand the significance of the movements of stars and planets, cosmic electromagnetic radiation fields and their affects upon our planet and its life forms. We need to know how Torah teaches us the science of sound (prayer) and the power of the human mind (kavana) that can tap into and manipulate cosmic fields and how the performance of mitzvot can actually create and generate a difference in our little unaware lives here on Earth.

We truly do live in such a grander universe than we can imagine. Through our contemplations we can tap deep inner recesses of our minds of which we are seldom aware. I pray that I have given you something to contemplate, to think about, or possibly even dream about. When the shofar blows on Rosh HaShana clear your mind of distractions and listen intently to your heart. You might very well hear the "voice" of Binah/Imma speaking within you. What "she" will be saying, only you will ever know.