

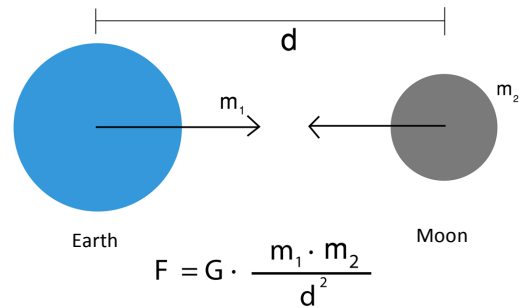
Universal Gravitation

In this study, we intend to compare the interpretation of ordinary Science with that of the occult Science of the esoteric Tradition, with regard to the phenomenon of **Gravitation**.

‘Human’ science has understood and formulated the concept of **universal gravitation** as a *force of mutual attraction acting between all bodies possessing mass in the universe*.

Formulated in 1687 by Isaac Newton, the theory states that every object attracts every other object in the universe with a force that depends strictly on two factors:

- **Masses:** the force is directly proportional to the product of the masses of the two bodies.
- **Distance:** the force is inversely proportional to the square of the distance between their centres.

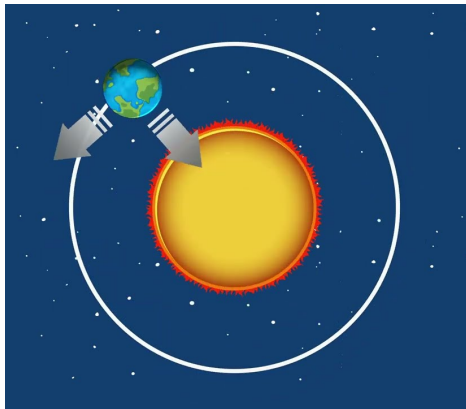


Its main characteristics:

- **It is universal:** it applies to every object in the universe, from apples falling from trees to the most distant galaxies.
- **It is an action-at-a-distance force:** bodies do not need to touch each other to interact.
- **It is reciprocal:** if one body attracts a second body, the second body attracts the first with a force of the same magnitude but in the opposite direction.

According to the Treccani Encyclopaedia (links provided by the TPS editorial team):

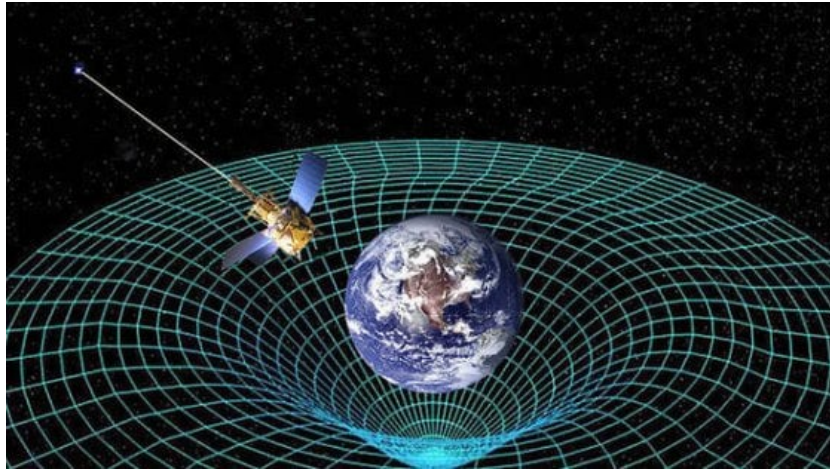
“Objects falling to the ground, stars shining in the sky, tides and planetary orbits are phenomena with a common denominator. This is gravitation, the fundamental force that not only keeps us



grounded, but also acts throughout the Universe so that bodies with mass attract one another. When Isaac Newton formulated the mathematical law of gravitation in the 17th century, it became possible, for the first time, to describe what was happening on Earth and in the heavens using a single theory. ... The law of gravitation revolutionised our understanding of phenomena occurring on Earth – such as the fall of bodies – and also made it possible to demonstrate the laws governing the motion of the planets, which Kepler had deduced from astronomical observations.

... Over the course of more than three centuries, the theory of gravitation has achieved significant successes, enabling us to explain the motion of celestial bodies. It led, for example, to the discovery in 1846 of the planet Neptune, revealed by its gravitational effects, and to the precise determination of the date of the return of Halley’s Comet.

... Furthermore, the law of universal gravitation did not account for a peculiarity in Mercury’s motion. The orbit of this planet, in fact, does not close exactly at the starting point, but with each complete revolution around the Sun it shifts slightly towards the direction from which the planet originated, a phenomenon known as the precession of the perihelion. To explain this, a new theory was needed, one of more general validity than Newton’s theory of gravitation. This is [Einstein’s general relativity](#). In this theory, gravitation is no longer a force that propagates instantaneously over a distance, but a force that causes a genuine distortion of the geometry of space and time, conceived as a single entity.



... Two different theoretical frameworks are used to describe the physical world: for macroscopic objects, the theory of general relativity and electromagnetism are sufficient; for atoms and elementary particles, however, quantum mechanics is required, which entails a completely different epistemological setup, in which what evolves are not classical fields such as the gravitational field, but the so-called *state function of the system*, which simultaneously describes the infinite possible realisations of the system. The unification of these two frameworks is a primary task of theoretical physics.

... It is likely that, in the *unified theory*¹, space-time will appear as a derived and secondary phenomenon, and that the true dynamics of a system will unfold within far more complex geometric structures, such as *strings*, and with a greater number of dimensions.”

And now let us see what the Occult Philosophy and Science of the Esoteric Tradition have to say about Gravitation.

“Universal correlation establishes the balance which sustains the entire chain of manifestations. The indivisibility of the entire cosmic process demands precision of correlation. The more powerful is the cosmic process, the higher is the tension of gravitation to the Cosmic Magnet; the more resistance, the greater the pull of the Magnet; the steadier, the more powerful is the attraction. Thus, the attractive force of the Basic Magnet acts in correlation with the universal process. As the acting force is expressed in the pull of the Magnet, so the **gravitational force** of universal correlation collects the necessary energies. Humanity is attracted by the same process of the Magnet, that of universal correlation. All human actions, being conscious factors, contribute their supplementary share to the universal correlation. Thus, the universal equilibrium can be converted by man into unbalance.

Let us see how this unbalance is effected. In every epoch, in the entire course of history, there may be seen an intensified confluence of resistant circumstances which produced an unbalance.

¹ “The **Theory of the Unified Field** (or Theory of Everything) is the goal of modern physics: to describe the four fundamental forces of the universe using a single mathematical equation. Currently, these forces (gravity, electromagnetism, and the strong and weak nuclear forces) are explained by separate theories that are incompatible at the quantum level.

Gravitational waves, unlike electromagnetic waves, interact very weakly with matter and are therefore extraordinarily difficult to detect. At the same time, as they can pass undisturbed through vast layers of matter, they can provide important information – inaccessible to electromagnetic observations – about the sources that generated them. The detection of gravitational waves would open up a new and revolutionary window on the universe, and projects and ambitious undertakings around the world are dedicated to this very end.”

The factor of creativeness, predestined as a force inducing the attainment of cosmic equilibrium, will always be impelled by the principle of the Magnet. Only the affirmation of the Origins can balance the universal correlation. The ever-disturbing motion maintains unbalance. Hence, the Origins and veneration for them will be the factor that humanity may affirm as the salvation of the world.”

This paragraph contains the intuitive solution to that major problem, which concerns the unification of the laws governing all the fields of energy discovered to date: gravitational, electric, magnetic and inertial. Here, the reality of general reciprocity is affirmed.

“The magnetic currents are driving toward a union. The creativeness of the Magnet collects the streams of cosmic currents. When the superterranean and the subterranean currents correlate, they are harmonized similarly as are the supermundane and the earthly spheres. When human actions will affirm the attraction of the spheres, it will be possible to establish the harmonization based on the Cosmic Magnet. All shiftings and disturbances upon Earth are determined by the currents of the spheres.

How, then, can one fail to realize **the life of Space**, when all currents are so tense? The currents streaming from one pole can mean only destruction. The laws of psycho-dynamics affirm reciprocal corroboration.”

*The means, or the lever, or the supreme energy which, through the action of a single law, enables the regulation of universal energy flows is the “cosmic Magnet”, that is, the magnetic field of divine Love. Its law is simple: “Like attracts like”. This is a key that allows us to begin to understand the indifferent sublimity with which contrasts can be resolved within the general Harmony. Since the whole of Space is permeated with Life—that is, with psychic energy, or Fire of varying levels and potential—it is crisscrossed by innumerable currents of energy emitted by psychic centres or seeds; over this ocean of pulsating flows reigns the Magnet, the supreme regulator, which draws together and unites like currents. Therefore, man, a spiritual and infinite being, when he acts in accordance with—and not against—the universal **gravitation** imposed by the Magnet, will be able to establish (on Earth) a state of harmony. (Infinity I § 220 and 262 and in italics the comments by E. Savoini)*

*... From these lessons we learn that the currents must be taut, like vibrating strings; otherwise they do not “sound”, they deteriorate and must be replaced; that the totality of interactions is governed by the cosmic Magnet; and that every creature possesses within itself, at its core, all the planetary and cosmic principles. Everything is relationship (that is, consciousness) within the Infinite, and the infinity of relationships is governed by precise laws. One cannot expect such general concepts, which are rarely encountered by the human mind, to become part of our culture, if not drop by drop and therefore slowly – but surely. Fire and Space (that is, Life understood as Essence and Life understood as Space) are the primordial Origins, ever-present and engaged in the creative work. Their ever-changing relationship polarises the Universe, that is, it produces a magnetic field that makes it knowable and “navigable”. Differences in energy potential give rise to flows or currents of energy: **gravitational** (that is, conserving and attractive) and **radiating** (that is, dispersive and centrifugal). These currents, bearers of intelligent life, branch out into every region of the Universe, amongst the stars and amongst the atoms, according to the simple, single law of the Magnet: “like attracts like”.*

In the Infinite, there are neither separations nor closed forms. The elements of which it is composed are points and centres, that is to say, the fields and sparks of the vital Fire. Pupils are trained to recognise these realities wherever they may be and to understand the general rules governing their interrelationships, from which arise those appearances which, taken together, constitute the unreal world of Forms. (Commentary by E. Savoini on passages 279–282)

“A prevalence of subtle and creative energies affords possibility to the entire Cosmic Fire to manifest itself as a life-generating force. A prevalence of all positive substances provides the life-

generating force for all inceptions. ... How is it possible then not to admit that the law of balance is not a law which confirms equally evil and good? And the unbalance between light and darkness gives to humanity the sought formula of life. Of course, life is unbalanced to a great degree, the evidence of which is established in a variety of ways. But one must be imbued with the mystery of life to understand that amidst the suffocating emanations of the planet there is nevertheless a power maintaining the predominance of the currents of the subtle energies.

During past epochs of greater purity it was possible to direct these energies for the construction of the better steps. But during the present period We, Brothers of Humanity, strain the energies to sustain the planet.

Thus, the predominance of good over evil prevails in Cosmos, and through it the entire infinite life breathes as the Fire of Space!

The central theme is the balance (which might also be called equivalence) that some claim exists between good and evil, reasoning that the hours of daylight and darkness are equalised each year. It is a physical truth, but one that takes no account of starlight or even the Moon, not to mention other sources of light – unseen yet real. The planet is in danger from the waves of disorder stirred up by humankind, and yet what profound tranquillity reigns in the vast solitude of the oceans and mountains. It is an immense reservoir of balance that comforts the pilgrim.

*

This paragraph also addresses an issue which modern Science resolves in a pessimistic manner, and which can be summarised as follows:

“The centres of the Universe (stars, galaxies) radiate energy, and so are slowly running out of it. Consequently, the Universe is dying day by day, whilst entropy (the ashes of the System) is constantly increasing.”

Such a conception is pernicious and utterly unbearable to the heart. It is like saying that every person begins to die from the very first moment and that, in the end, there is nothing but a single march towards annihilation. Perhaps not all scientists agree on this matter, but those who disagree are currently unable to prove the contrary. Therefore, the students must discover better, opposing hypotheses which they recognise as true deep within themselves, whilst awaiting verification—even if it takes an eternity:

“There are other universal centres, as yet unknown, whose task is to absorb exhausted energies, regenerate them and put them back into circulation.”

This is an initial hypothesis, which must be reinforced by a second one:

*“The energies of Love – that is, of **universal gravitation** or **magnetism** – prevail over those of radiation. The universe is a mechanism that ‘yields a return’. The total energy invested yields a return, which is the outcome intended by the great Builder. The final accounts do not show a balanced budget, but a surplus of what is received over what is given.”*

It is clear how much more comforting this vision is, one which the heart recognises as true. One day it will be possible to prove it, if it has sufficient merit. (Infinity I § 306; E. Savoini’s commentary in italics)



Excerpts from *Blavatsky – All the Works*:

That which science calls **gravitation**, the ancients and the mediæval hermetists called magnetism, attraction, affinity. It is the universal law, which is understood by Plato and explained in *Timæus* as the attraction of lesser bodies to larger ones, and of similar bodies to similar, the latter exhibiting a magnetic power rather than following the law of gravitation. The anti-Aristotelean formula that *gravity causes all bodies to descend with equal rapidity, without reference to their weight*, the difference being caused by some other *unknown* agency, would seem to point a great deal more forcibly to **magnetism** than to gravitation, the former attracting rather in virtue of the substance than of the weight. A thorough familiarity with the occult faculties of everything existing in nature, visible as well as invisible; their mutual relations, attractions, and repulsions; the cause of these, traced to the spiritual principle which pervades and animates all things; the ability to furnish the best conditions for this principle to manifest itself, in other words a profound and exhaustive knowledge of natural law — this *was* and is the basis of magic. (Isis Unveiled I, p. 244)

The Pythagoreans held that neither the sun nor the stars were the *sources* of light and heat, and that the former was but an agent; but the modern schools teach the contrary.

The same may be said respecting the Newtonian law of **gravitation**. Following strictly the Pythagorean doctrine, Plato held that gravitation was not merely a law of the magnetic attraction of lesser bodies to larger ones, but a magnetic repulsion of similars and attraction of dissimilars. “Things brought together”, says he, “contrary to nature, are naturally at war, and repel one another” (*Timæus*). This cannot be taken to mean that repulsion occurs of necessity between bodies of dissimilar properties, but simply that when naturally antagonistic bodies are brought together they repel one another. The researches of Bart and Schweigger leave us in little or no doubt that the ancients were well acquainted with the mutual attractions of iron and the lodestone, as well as with the positive and negative properties of electricity, by whatever name they may have called it. The reciprocal magnetic relations of the planetary orbs, which are all magnets, was with them an accepted fact, and aërolites were not only called by them magnetic stones, but used in the Mysteries for purposes to which we now apply the magnet. ... the earth is a great magnet, and that “on any sudden agitation of the sun’s surface the magnetism of the earth receives a profound disturbance in its equilibrium, causing fitful tremors in the magnets of our observatories, and producing those grand outbursts of the polar lights, whose lambent flames dance in rhythm to the quivering needle...”. (Isis Unveiled I, p. 281)

We are so accustomed to consider **gravitation** as being a something absolute and unalterable, that the idea of a complete or partial rising in opposition to it seems inadmissible; nevertheless, there are phenomena in which, by means of material forces, gravitation is overcome. (Isis Unveiled I, p. XXIV)

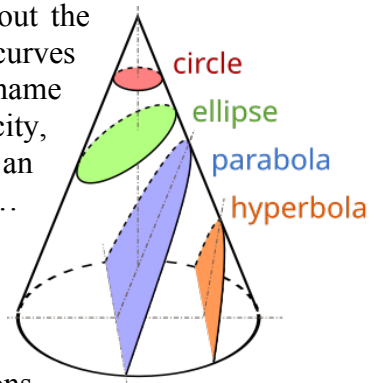
... there is no gravitation in the Newtonian sense, but only magnetic attraction and repulsion; and that it is by their **magnetism** that the planets of the solar system have their motions regulated in their respective orbits by the still more powerful **magnetism** of the sun, not by their weight or gravitation. (Isis Unveiled I, p. 171)

Q. Will you give us some explanation from the occult standpoint of what is called the “**Law of Gravitation**”?

A. Science insists that between bodies attraction is directly as the mass and inversely as the square of the distance. Occultists, however, doubt whether this law holds good with regard to the entirety of planetary rotation. Take the first and second laws of Kepler included in the Newtonian law as given by Herschel. “Under the influence of such attractive force mutually urging two spherical gravitating bodies toward one another, they will each, when moving in each other’s neighborhood,

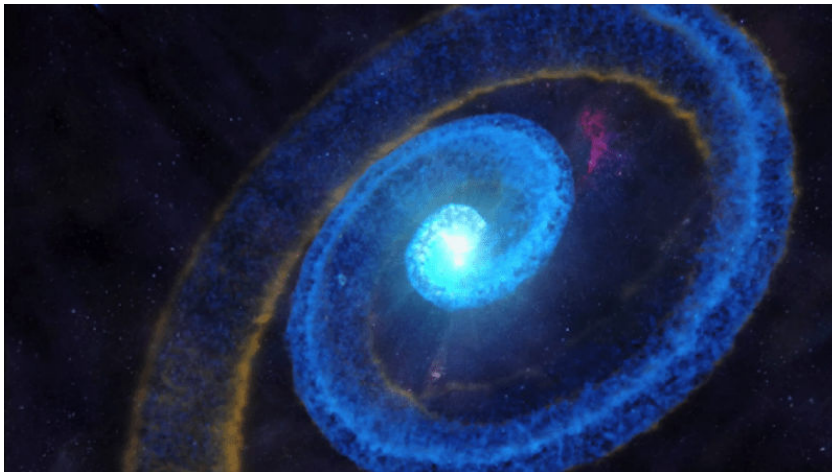
be deflected into an orbit concave toward each other, and describe one about the other, regarded as fixed, or both around their common center of gravity, curves whose forms are limited as those figures known in geometry by the general name of Conic Sections. It will depend upon the particular circumstances or velocity, distance and direction, which of these curves shall be described, whether an ellipse, a circle, a parabola, or an hyperbola, but one or the other it must be... etc., etc.”.

Science says that the phenomena of planetary motion result from the action of two forces, one centripetal, the other centrifugal, and that a body falling to the ground in a line perpendicular to still water does so owing to the law of gravity or of centripetal force. Among others, the following objections brought forward by a learned occultist, may be stated.



1. That the path of a circle is impossible in planetary motion.
2. That the argument in the third law of Kepler, namely that “the squares of the periodic times of any two planets are to each other, in the same proportion as the cubes of their mean distances from the Sun”, gives rise to the curious result of a permitted libration in the eccentricities of planets. Now the said forces remaining unchanged in their nature, this can only arise, as he says, “from the interference of an extraneous cause”.

3. That the phenomenon of gravitation or “falling” does not exist, except as the result of a conflict of forces. It can only be considered as an isolated force by way of mental analysis or



separation. He asserts, moreover, that the planets, atoms, or particles of matter are not *attracted* towards each other in the direction of right lines connecting their centers, but are forced towards each other in the curves of spirals closing upon the center of each other. Also that the tidal wave is not the result of attraction. All this, as he shows, results from the conflict of imprisoned and free force;

antagonism apparently, but really affinity and harmony [the action of *Polarity*, the 2nd Mystery of the current 2nd solar System].

“**Fohat**, [cosmic electricity, the “synthetic power/motor of all imprisoned vital forces and the intermediary between the absolute Force and the conditioned force ... a link between the gross matter of the physical body and the divine Monad that animates it...”] gathering a few of the clusters of Cosmic matter (nebulae) will, by giving it an impulse, set it in motion anew, develop the required heat, and then leave it to follow its own new growth.” (Secret Doctrine Commentary – Vol. I., p. 84.)

Q. What connection has “weight”, as you [theosophists] use it, with **gravity**?

A. By weight, gravity in the occult sense of **attraction and repulsion** is meant. It is one of the attributes of differentiation, and is a universal property. By attraction and repulsion between matter in various states it is possible, in most cases, to explain (whereas the “law of gravitation” is insufficient to do so) the relation which the tails of the comets assume when nearing the sun; seeing that they manifestly act contrary to this hypothesis. (Secret Doctrine Commentary)

One of the objects of the *Secret Doctrine* is to prove that planetary movements cannot be satisfactorily accounted for by the theory of **gravitation** alone. Besides the force acting *in* matter there is also a force acting *on* matter.

When we speak of the modified conditions of Spirit-Matter (which is in reality Force), and call them by various names such as heat, cold, light and darkness, attraction and repulsion, electricity and magnetism, etc., etc., to the occultist they are simply names, expressions of difference in manifestations of one and the same Force (always dual in differentiation), but not any specific difference of forces.

... The worker [Spirit] within, the inherent force, ever tends to unite with its parent essence [Substance] without; and thus, the Mother acting within, causes the Web to contract; and the Father acting without, to expand. Science calls this **gravitation**; Occultists, the work of the universal Life-Force, which radiates from that Absolute and Unknowable FORCE which is outside of all Space and Time. This is the work of Eternal evolution and involution, or expansion and contraction. (Secret Doctrine Commentary)

Astronomers who see in **gravitation** an easy-going solution for many things, and a universal force which allows them to calculate planetary motions, care little about the **Cause of Attraction**. They call Gravity a law, a cause in itself. We call the forces acting under that name effects, and very secondary effects, too. One day it will be found that the scientific hypothesis does not answer after all; and then it will follow the corpuscular theory of light, and be consigned to rest for many scientific eons in the archives of all exploded speculations. Has not Newton himself expressed grave doubts about the nature of Force and the corporeality of the “Agents”, as they were then called? ... and in his Third Letter to Bentley he says:

It is inconceivable that inanimate brute matter should, without the mediation of something else *which is not material*, operate upon and affect other matter, without mutual contact, as it must do if gravitation, in the sense of Epicurus, be essential and inherent in it. ... That gravity should be innate, inherent and essential to matter, so that one body may act upon another at a distance, through a vacuum, without the mediation of anything else by and through which their action may be conveyed from one to another, is to me so great an absurdity that I believe no man, who has in philosophical matters a competent faculty of thinking, can ever fall into it. Gravity must be caused by an agent acting constantly according to certain laws; but *whether this agent be material or immaterial* I have left to the consideration of my readers.

At this, even Newton’s contemporaries got frightened—at the apparent return of Occult Causes into the domain of Physics. Leibnitz called his principle of attraction “an incorporeal and inexplicable power”. The supposition of an attractive faculty and a perfect void was characterized by Bernouilli as “revolting”, the principle of *actio in distans* finding then no more favour than it does now [written at the end of the XIX century]. Euler, on the other hand, thought the action of gravity was due to either a *Spirit* or some subtle medium. And yet Newton knew of, if he did not accept, the Ether of the Ancients. He regarded the intermediate space between the sidereal bodies as vacuum. Therefore he believed in “subtle Spirit” and Spirits as we [theosophists] do, guiding the so-called attraction. The above-quoted words of the great man have produced poor results. The “absurdity” has now become a dogma in the case of pure Materialism, which repeats: “No Matter without Force, no Force without Matter; Matter and Force are inseparable, eternal and indestructible [*true*]; there can be no independent Force, since all Force is an inherent and necessary property of Matter [*false*]; consequently, there is no immaterial Creative Power”. Oh, poor Sir Isaac!

... That which in the mind of the great mathematician assumed the shadowy, but firmly rooted image of God, as the Noumenon of all, was called more philosophically by ancient and modern Philosophers and Occultists— “Gods”, or the creative fashioning Powers. ...

For Pythagoras the Forces were Spiritual Entities, Gods, independent of planets and Matter as we see and know them on Earth, who are the rulers of the Sidereal Heaven. Plato represented the

planets as moved by an intrinsic Rector, one with his dwelling, like “a boatman in his boat”. As for Aristotle, he called those rulers “*immaterial substances*”, though as one who had never been initiated, he rejected the Gods as Entities. But this did not prevent him from recognizing the fact that the stars and planets “were not inanimate masses but acting and living bodies indeed”. As if sidereal spirits were the “diviner portions of their phenomena” ...

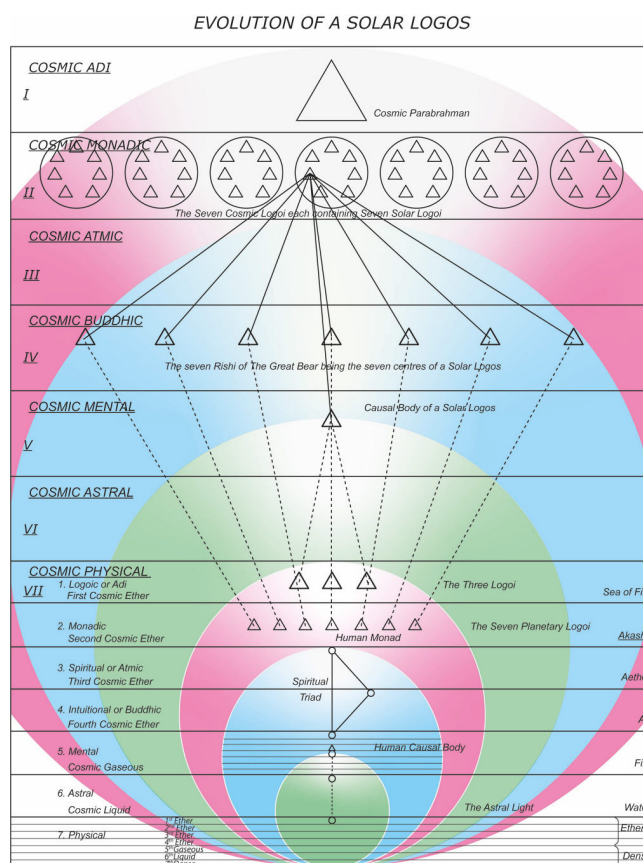
If we look for corroboration in more modern and scientific times, we find Tycho Brahe recognizing in the stars a triple force, divine, spiritual and vital. Kepler, putting together the Pythagorean sentence, “the Sun, guardian of Jupiter”, and the verses of David, “He placed his throne in the Sun”, and “the Lord is the Sun”, etc., said that he understood perfectly how the Pythagoreans could believe that all the Globes disseminated through Space were rational Intelligences (*facultates ratiocinativae*), circulating round the Sun, “in which resides a pure spirit of fire; the source of the general harmony”. (*De Motibus Planetarum Harmonicis*)

... The Occultist sees in the manifestation of every force in Nature, the action of the quality, or the special characteristic of its Noumenon; which Noumenon is a distinct and intelligent Individuality *on the other side of the manifested mechanical Universe*. Now the Occultist does not deny—on the contrary he will support the view—that light, heat, electricity and so on are affections, not properties or qualities, of Matter. To put it more clearly: Matter is the condition, the necessary basis or vehicle, a *sine qua non*, for the manifestation of these Forces, or Agents, on this plane. ...

The passages [by Newton] had been “long neglected”, no doubt because they contradicted and clashed with the preconceived pet theories of the day, till finally the undulatory theory imperiously required the presence of an “ethereal medium” to explain it. This is the whole secret.

Anyhow, it is from this theory of Newton of a universal void, taught, if not believed in by himself, that dates the immense scorn now shown by modern Physics for ancient. The old sages had maintained that “Nature abhorred a vacuum”, and the greatest mathematicians of the world—read of the Western races—had discovered the antiquated “fallacy” and exposed it. And now Modern Science, however ungracefully, vindicates Archaic Knowledge, and has, moreover, to vindicate Newton’s character and powers of observation at this late hour, after having neglected, for one century and a half, to pay any attention to such very important passages...

And now Father **Æther** [the vital and continuous Substance of Space: “With the ancients the divine luminiferous substance which pervades the whole universe, the “garment” of the Supreme Deity, Zeus, or Jupiter. With the moderns, Ether, for the meaning of which in physics and chemistry see Webster’s Dictionary or any other. In esotericism Æther is... Ākāsha] is *re-welcomed* with open arms and wedded to **gravitation**, linked to it for weal or woe, until the day when it, or both, shall be replaced by something else. Three hundred years ago it was *plenum* everywhere, then it became one dismal *vacuity*; later still the sidereal ocean-beds, dried up by Science, rolled onward once more their ethereal waves.



The Seven cosmic Planes of Substance

... believing that everything on Earth is the shadow of something in Space, they [occultists] believe in smaller “Breaths”, which, living, intelligent and independent of all but Law, blow in every direction during manvantaric [of manifestation] periods. These Science will reject. But whatever may be made to replace **attraction**, *alias* **gravitation**, the result will be the same. Science will be as far then from the solution of its difficulties as it is now, unless it comes to some compromise with Occultism, and even with Alchemy—a supposition which will be regarded as an impertinence, but remains, nevertheless, a fact.

... Thus, supposing attraction or gravitation should be given up in favour of the Sun being a huge **magnet**—a theory already accepted by some Physicists—a magnet that acts on the planets as attraction is now supposed to do, whereto, or how much farther, would it lead the Astronomers from where they are now? Not an inch farther. Kepler came to this “curious hypothesis” nearly 300 years ago [now 400-450]. He had not discovered the **theory of attraction and repulsion in Kosmos**, for it was known from the days of Empedocles, by whom the two opposite forces were called “love” and “hate”—words implying the same idea. But Kepler gave a pretty fair description of **cosmic magnetism**. That such magnetism exists in Nature, is as certain as that gravitation does not; not at any rate, in the way in which it is taught by Science, which has never taken into consideration the different modes in which the dual Force, that Occultism calls **attraction and repulsion**, may act within our Solar System, the Earth’s atmosphere and beyond in the Kosmos. ...

[Newton] confessed his inability to explain by the law of gravitation; “such were the uniformity in the directions of planetary movements, the nearly circular forms of the orbits, and their remarkable conformity to one plane”. And if there is one single exception, then the law of gravitation has no right to be referred to as a universal law.

... Where may be the difference between Newton’s “all-powerful Being” and Kepler’s Rectores, his Sidereal and Cosmic Forces, or Angels? The ideas of Kepler, when their theological tendencies are weeded out, are purely Occult. He saw that:

- I) The Sun is a great Magnet. This is what some eminent modern Scientists and also the Occultists believe in.
- II) The Solar substance [Æther] is immaterial. In the sense, of course, of Matter existing in states unknown to Science.
- III) For the constant motion and restoration of the Sun’s energy and planetary motion, he provided the perpetual care of a Spirit, or Spirits.

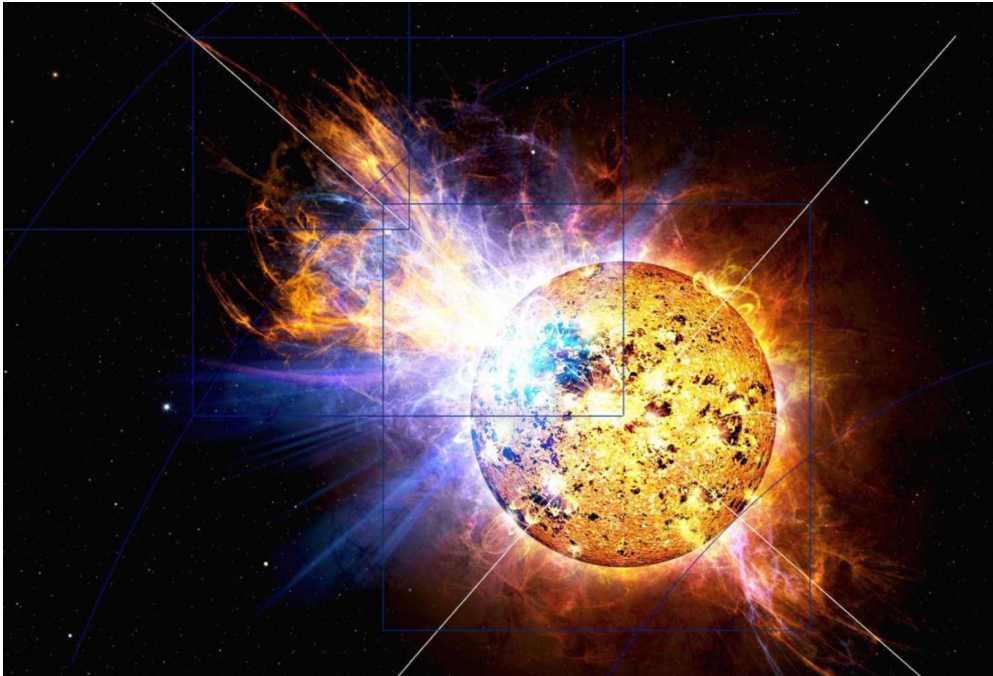
The whole of Antiquity believed in this idea. The Occultists do not use the word Spirit, but say Creative Forces, which they endow with intelligence. But we may call them Spirits also. ... (The Secret Doctrine vol. I – Cosmogogenesis)

Attraction by itself is not sufficient to explain even planetary motion; how can it then presume to explain the rotatory motion in the infinitudes of Space? Attraction alone will never fill all the gaps, unless a special impulse is admitted for every sidereal body, and the rotation of every planet with its satellites is shown to be due to some one cause combined with attraction. ... Occultism has named it for ages, and so have all the ancient Philosophers; ... yet who, or what, is the original “pusher” in that motion?

... If ever this theory of the **Sun-Force** being the primal cause of all life on earth, and of all motion in heaven, is accepted, and if that other far bolder theory of Herschell, about certain organisms in the Sun, is accepted even as a provisional hypothesis, then will our teachings be vindicated, and Esoteric allegory will be shown to have anticipated Modern Science by millions of years, probably,

for such are the Archaic Teachings. Marttanda, the Sun, watches and threatens his seven brothers, the planets, without abandoning the central position to which his Mother, Aditi, relegated him.

... It is the sun-fluids or emanations that impart all motion, and awaken all into life, in the Solar System. It is attraction and repulsion, but not as understood by modern Physics or according to the law of gravity, but in harmony with the laws of *manvantaric motion* designed from the early Sandhyâ, the Dawn of the rebuilding and higher reformation of the System. These laws are immutable; but the motion of all the bodies—which motion is diverse and alters with every minor Kalpa—is regulated by the Movers, the Intelligences within the Cosmic Soul [the cosmic, solar and planetary Logoi].



... a) the Sun is the store-house of Vital Force, which is the Noumenon of Electricity; and
 b) that it is from its mysterious, never-to-be-fathomed depths, that issue those life-currents which thrill through Space, as through the organisms of every living thing on Earth.

... [Paracelsus wrote in the XVI century]:

The whole of the Microcosm is potentially contained in the Liqueur Vitae, a nerve fluid ... in which is contained the nature, quality, character, and essence of beings.

The Archæus is an essence that is equally distributed in all parts of the human body. ... The Spiritus Vitæ takes its origin from the *Spiritus Mundi*. Being an emanation of the latter, it contains the elements of all cosmic influences, and is therefore the cause by which the action of the stars (cosmic forces) upon the invisible body of man (his vital Linga Sharîra) may be explained [here's the occult foundation of Astrology]. (The Secret Doctrine vol. I – Cosmogogenesis)

... Therefore, do they [the Adepts] say, that the great men of Science of the West, knowing ... next to nothing either about cometary matter, centrifugal and centripetal forces, the nature of the nebulae, or the physical constitution of the Sun, the Stars, or even the Moon, are imprudent to speak so confidently as they do about the “central mass of the Sun”, whirling out into space planets, comets, and what not... We maintain that it [the Sun] evolves out only the life-principle, the Soul of these bodies, giving and receiving it back, in our little Solar System, as the “Universal Life- Giver” ... in the Infinitude and Eternity; that the Solar System is as much the Microcosm of the One Macrocosm as man is the former when compared with his own little Solar Cosmos. (Five Years of Theosophy)

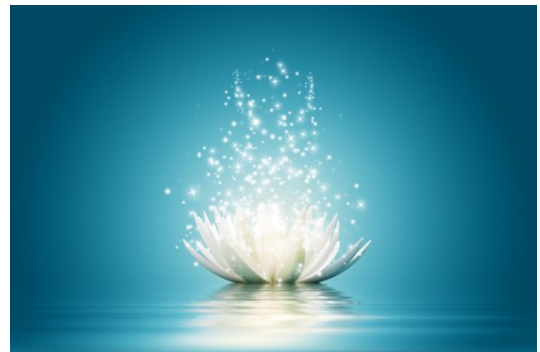
... Occultism does not deny the certainty of the mechanical origin of the Universe; it only claims the absolute necessity of mechanics of some sort behind or within those Elements... (The Secret Doctrine vol. I – Cosmogensis)

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In short, the Intelligences or Consciousnesses that guide the Galaxies, Stars and Planets periodically emanate Their *creative Will to manifest themselves*, and through the Law of Magnetism or cosmic Love—the central power to attract or repel—they construct and animate their vehicles of expression, propelling them to *evolve* around and in accordance with the Laws of the central Magnet, in order to radiate ever greater *Light* or Wisdom with each rotation.

“The cosmic Magnet is reflected in everything existing. **Gravitation** collects those particles of the creation of Cosmos which in turn reflect the cosmic magnetism. The whirl forges the contacts wherever the psycho-dynamic force is affirmed. Wherever the attraction weakens, severance results. Like an explosion, these breaks disperse the parts which belong to one element. The cosmic magnetism gathers nations, gathers races, gathers parts of the world, gathers aspects of evolution, gathers arcs of consciousness, gathers manifestations of all attractions. At the root of all vital manifestations may be discovered **cosmic magnetism**, and even behind the karmic law stands the Cosmic Magnet. The very thirst for existence is conditioned by the Psycho-Magnet of Cosmos. ...”

“... There are witnesses to the cosmic manifestations in our sphere. This formula may be repeated because the course of evolution is disclosed to the fearless spirit who knows the entire mystery and all the striving toward Infinity. The kindling of the fires of the Lotus is the highest manifestation of the Cosmic Fire. Verily, when the synthesis of affirmation of the cosmic energy is manifested upon Earth, one may say, “Our planet is encircled by a **spiral** upon which we may also descend, but how beautiful is the spirit that ascends and transmutes life into the radiance of Infinity!” To this bearer of the supermundane scrolls is revealed the entrance into the higher spheres, and he will bring to the lower spheres the key to the realization of Infinity.”



“...The birth of so-called new energies is nothing but the combination and accumulation of the essence of the projectile and the attractive forces. That which is driven and that which gravitates have at basis the same **principle of unity**. And boundless is the manifest step which leads from unconscious receptivity to the conscious aspiration to accept those Origins through which the Cosmos breathes.” (Infinity I § 120, 21, 133)

*Whether we are talking about star systems, atomic dust or forms of knowledge,
a single law guides us towards the ultimate union of all consciousnesses.
Polarity is the divine Law of cosmic Magnetism and the basis of Gravitation towards the Infinite.*

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