

tension

noun: a [balance](#) between and interplay of opposing elements or tendencies.

a situation or condition in which opposing influences increase [polarity](#) or [opposition](#) or the difference between opposing forces.

noun: (physics) a stress that produces an elongation of an elastic physical body.

Keely

Keely writes: "*The [mathematics of vibratory etheric science](#), both pure and applied, require long and arduous research. It seems to me that no man's life is sufficient, with the most intense applications, to cover more than the introductory branch. The [theory of elliptic functions](#), the [calculus of probabilities](#), are but as pygmies in comparison to a science which requires the utmost [tension](#) of the human **mind** to grasp.*" [[Snell Manuscript - The Book, page 2](#)]

"All moving bodies of [visible matter](#) produce [heat](#) as according to their velocity. The flow of gases only induces [thermal reduction](#) from [molecular friction](#). By this term it must not be understood that the molecules actually come in contact, and rub against each other. There is no [pressure](#), however great, that can cause molecular contact. The area of the volume of the molecule can be reduced by enormous [pressure](#), and the **tension** thus brought to bear on their [rotating envelopes](#) induces [heat](#). The [heat](#) thus induced is a positive proof of the wonderful velocity of the [etheric envelope](#). If the molecules were dead - which is an infinite impossibility - to [sympathetic vibration](#), and without a [rotatory envelope](#) if all the [pressure](#) possible to conceive were brought to bear upon them, it would not induce the slightest thermal change." [[Vibratory Physics - The Connecting Link between Mind and Matter](#)]

Law of Corporeal Oscillations

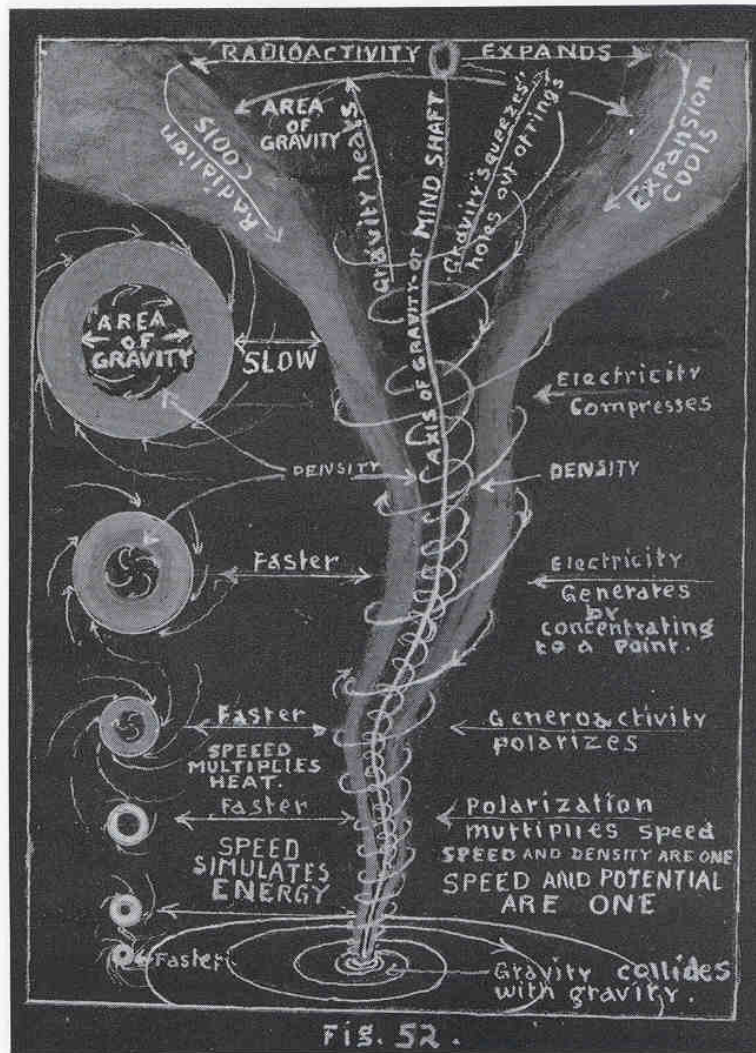
"All coherent [aggregates](#) not isolated from like [bodies](#), [oscillate](#) at a [period-frequency](#) varying with the **tensions** that [augment](#) and [diminish](#) the [state of equilibrium](#)." [Keely, 1894]

Law of Pitch of Atomic Oscillation

"Atoms not isolated and in a state of **tension** between forces that oppose and increase the [equilibrium](#) oscillate bodily at a [pitch](#) that is a resultant of the [Atomic weight](#), [Atomic volume](#), and **tension**." [Keely, 1893]

Law of Variation of Atomic Oscillation by Sono-thermism

"Diminishes the **tensions** directly as the quantity of [heat](#) developed, and in [antithetical proportion](#) to the [harmonics absolved](#)." [Keely, 1893]



Electric compression principles. Analysis of the relation of stillness to motion, and of energy to the expression of energy.

Figure 5.2 - Centers of Swirls are High Tension while Swirl Periphery are Low Tension. (scan courtesy of University of Science & Philosophy) (click to enlarge)

See Also

9.20 - Center and Periphery

Figure 5.2 - Centers of Swirls are High Tension while Swirl Periphery are Low Tension

Figure 9.6 - Center and Periphery

flow

peripheral flow

peripheral mass

periphery

Russell

"Matter is an abnormality. The normality of this universe is a condition of rest - an equilibrium. Matter is not an equilibrium. It is a created condition which divides a resistant equilibrium. That division results in tremendous tensions. Tensions are not normal to the universal equilibrium. Tensions have within them a great desire for relief from tension. Decay, death, discharge, explosions and flame give matter that relief from tensions which

it desires. Bear this fact in mind. Remember that the first *desire* of all *Creation* is Mind-expression by division of the *universal equilibrium*. Remember also that the *desire* to again return to the normal *universal equilibrium* is equally intensive. To divide an *equilibrium* requires work. To return to the normality of the *universal equilibrium* does not require work. Bear in mind, then, that it is hard to live but easy to die. *Radioactivity* is making it harder for bodies to live by releasing the **tensions** which makes them die." [Atomic Suicide, page 15]

"The *senses*, being but **tension** of *desire* for *unity* between divided parts, have no existence.

"The *senses* are *electric* flux threads of *light* connecting every particle in the universe with every other particle. [see Quantum Entanglement, Sympathetic Vibration, Connecting Link]

"They are the intercommunicating nerves of the one universal body.

"When strain of *desire* for *balance*, *rest* or *unity* ceases, sensation ceases.

"In this *electric* universe, sensation is the strain of *resistance* to the *separation* which exists between all separated masses. All *matter* is one. Separated particles *desire* to find that *oneness*." The Secret of Light ↗, page 85-86

"Mother and father reverse their *spectrum positions*, however. The *womb* of the *mother* is on the inside and the *father* surrounds it by a ring, such as one sees in the *Lyra Nebula*. One can also see the *birth* of a new *star* in the very *center* of that great *black cathode hole* which the *mother womb* is. That is the way that *God* turns the *anodes* of His *thinking inside out* to *rest*, and *outside in* to again become *anodes*. *God's process* of creating bodies through *sex interchange* is based upon the *sex* urge of the *divided color spectrum of light* to *void its color divisions* and become the *White Light of rest* from which its **tensions** were extended." [Atomic Suicide, page 117]

See Russell's *Scale of Locked Potentials* for a possible way of scaling **tension**.

Schauberger

It has become clear to some that the origins of all manifestations of *life* and *motion* lie in chemo-physical and electromagnetic causes, which on their part are triggered by *plus* and *minus temperatures*.

Will and *counterwill* are functions of the *temperatures* that arise for one reason or another. *Work* is a function of the temperatures that lie above or below the *turning point* or *point of intersection* - the *anomaly point* - in which all *life* arises (*zero point*). It is of similar nature to what we experience as the '*present*', which is a function of an on-going extremely high velocity *flow*. This *flow* is an eternal *motion-of-creation*, which in turn gives rise to a constant *creation-of-motion*. [1] Thus we arrive at the fallacy and the explanation of the *life* that lies between *birth* and *burial*, which is the *illusion* that clothes *evolution* with *reality*. *Temperature* is thus the *difference* between differences, out of which the ceaseless *movement* of *evolution* arises, which is itself the product of **tensions** resulting from the contrasting *directions* of *movement*.

The *movement* of the *planets* is mirrored in the *movement* of earthly bodies and thus the possibility also exists to order the course of such planetary systems by means of a particular *physical motion*. Conversely, it is also possible to exploit *planetary motion* to produce *physical motion*, which will enable us to harness a *constantly waxing motive force* for our own use. *Opposites* have their appointed *directions* of *movement* and find their expression in the *mutual interaction* of living and moving *matter*. [From *Schauberger, The Energy Evolution - Harnessing Free Energy from Nature - From Special Edition Mensch und Technik, Vol. 2, 1993, section 3.1*]

Both expressions of *temperament* - and all *forms* of *temperature* can be viewed as such - serve for the build-up of **tension**, *charge* and *potential*. On the one hand these give rise to *life-affirming dynagen currents*, which come into being when naturalesquely *fermented fatty-matter*, which the chemist calls '*carbons*' (*sweet matter*), *consumes* (*binds*) the *oxygenes*[3] in an *allotropic* (*condensed*) *state*. [The Energy Evolution - Harnessing Free Energy from Nature, Bio-Technology: Active and Reactive Temperatures]

In General

In the same way that it would be impossible, for example, for [human beings](#) and [animals](#) to [reproduce](#) and further [develop](#) ([increase](#) and [qualitatively improve](#)), were [Nature](#) not to enforce an [interaction](#) between their [primary sexual substances](#) through intolerable [urge-driven differences](#) in **tension**, which [function reactively](#), there would likewise be no possibility for the [reproduction](#) and further [development](#) of [plants](#), [minerals](#) and [metals](#), and the [physical \(active\) forms](#) of [heat](#) and [cold](#). Today's [science](#) is not only founded on a false [developmental basis](#), but also on too low a level of [knowledge](#). It ignores the [formative reaction](#) and using [combustion processes](#) gives pride of [The Energy Evolution - Harnessing Free Energy from Nature, The Practical Application of Cycloid-Space-Curve-Motion arising from Processes of Cold Oxidation]

What [triggers](#) this [reaction](#) is the well-known [dynamics](#) of the [sexual urge](#), which [re-establishes equilibrium](#) between intolerable [differences](#) in **tension** and [potential](#). Because these [differences](#) are always present, this original [form](#) of [movement](#) will constantly be provoked by a [motivating force](#) that never [waned](#). As a [form](#) of [motion](#), we are here primarily concerned with the [motion](#) that the [Earth](#) has demonstrated to us since the beginning of time. Referred to as '[cycloid-space-curve-motion](#)', it is synonymous with what the naturalistic doctor calls the '[life-creating life-spiral](#)', and the [biotechnologist](#) calls '[double screw-form wave motion](#)'. [The Energy Evolution - Harnessing Free Energy from Nature, The Economy Founded on Reactively Produced Energy]

Every [organ](#) is an [aid](#) or a [means](#) to an end that requires various [supplementary energies](#) in order to [evolve](#). In its [highest form](#), the [developed product](#) is a [multiple](#) of the [ur-form](#), because the [potencies](#) in it have [developed](#) themselves. [Potencies](#) are nothing more than [bipolar tensions](#), which [de-stress](#) one another and [synthesise](#) their desired [form](#). This is the reason for the [phenomenon](#) of [multiplication](#). The [function](#) of **tensioning** or [de-stressing](#) is [heat](#) and [cold](#). The [product](#) is therefore a [product](#) of [heat](#) or [cold](#). The [impulse](#) is [produced](#) by either a [cold](#) or [warm mediatory process](#). The place of [birth](#) is the [egg](#) and the [orifice](#). The [fertilised eggs](#) create [orifices](#) and conversely, [eggs](#) come into [being](#) from [orifices](#). [The Energy Evolution - Harnessing Free Energy from Nature, Letter to Werner Zimmermann]

Ramsay

2 - In the second [sphere](#) the **tension** of [strings](#) and other elastic bodies imbues them with forces operating upon the elastic [air](#), producing [vibrations](#) quick enough to awaken [sounds](#) for the human [ear](#). Here [Nature](#) plays on her [tuneful harp](#) the same [grand fugue](#); from which everything in [music](#) is derived. [Scientific Basis and Build of Music, page 86]

3 - In the third [sphere](#), vibrating things, [molecules](#), [atoms](#), etc. [gaseous](#), [liquid](#), or [solid](#) have **tensions** and [forces](#) far beyond the requirements of [music](#), and far above the [audible](#) region where [musical sounds](#) have been located by the [Great Numberer](#). The [multiplication](#) of [forces](#) there, and their [augmentation](#) derived from [sympathy](#), of which [sympathy](#) we have faint illustrations in the region of [Scientific Basis and Build of Music, page 86]

Nikola Tesla

"The [spinning](#) of the [molecules](#) and their [ether](#) sets up the [ether tensions](#) or [electrostatic strains](#); the [equalization](#) of [ether tensions](#) sets up other [motions](#) or [electric currents](#), and the [orbital movements](#) produce the effects of [electro](#) and [permanent magnetism](#)." [Dr. Nikola Tesla]

Christ Returns - Speaks His Truth

"A spontaneous and hearty burst of [laughter](#) is first experienced as a rush of [rippling consciousness](#) through the head, bringing a [lightening](#) of the entire [consciousness](#). This is immediately followed by the physical '[ripple effect](#)' of [laughter](#), experienced as a light beating of [breath](#) on the [diaphragm](#) to break up any **tension** and to smooth away any residue of [bitterness](#)." [Christ Returns - Speaks His Truth, Letter 9, page 14]

"Most people will testify that **laughter** promotes a **feeling** of **well-being**, even if there was **discord** just a minute earlier. If a person can genuinely laugh, seeing the absurdity of a situation, where there has previously been annoyance or hurt, the **tension** is released and friendly relationships are restored spontaneously." [[Christ Returns - Speaks His Truth, Christ Letters - Letter 9](#), page 14]

CONSCIENCE AND SCIENCE

"Mystical religions and philosophies, including the Rosicrucian, are monistic: They believe that the World is One. Mystics recognize **polar opposites** as the extremes of a gradual scale in which each valuation is relative. For instance, the state of Virginia is cold compared to Florida, but warm compared to Maine. Rosicrucian lessons and experiments show the value of these opposites: The release of **tension** between the poles produces action and progress.

It is more difficult to resolve the **dualities** between different categories - between duty and pleasure, law and chance, and especially between mind and matter. Rosicrucian teachings treat even these essential differences as graduations on a vibratory scale. For instance, the energy vibrations of matter are described as slower and more negative than the higher vibrations of conscious life force. Mystics are enjoined to harmonize all such dissonant distinctions; but **harmony** is possible only between related elements.

We must, therefore, strive to recognize all apparent **dualities** of experience as dual aspects of an underlying **Unity** - two sides of the same coin."

[Walter J. Albersheim, PH.D., F.R.C (1960)]

See Also

Amplitude

Antagonism

Balance

Bias

Center of Tension

chemical tension

Confliction

Constraint

Critical Tension

Density

electric tension

Equilibrium

Figure 5.2 - Centers of Swirls are High Tension while Swirl Periphery are Low Tension

heat of resistance to tension

Intensity

joules per coulomb

Law of Pitch of Atomic Oscillation tension in calculating frequency of atoms

Law of Variation of Atomic Oscillation by Sono-thermism

Mate-Pairs

mutual restraint

mutually constrained

Polar

Polarity

Restoring Tension

Sex

Stria

Striation

striations

Surface Tension

tension of the spectrum division

universal equilibrium