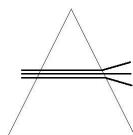


Differentiation

Differentiation



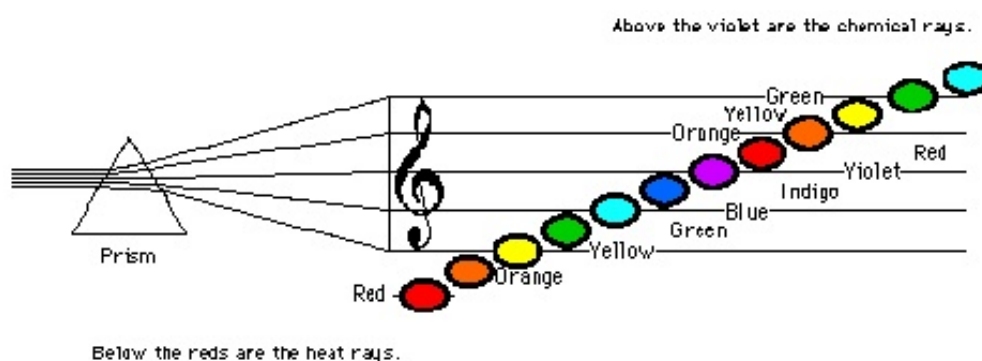
Differentiation

Sympsonics Symbol

Refraction

The breaking down or splitting into discrete quantities from an [harmonic](#) state or condition such as white or [invisible light](#) refracting it into its constituent or aliquot parts or as splitting out discrete [music scale](#) notes from its [fundamental](#) or [keynote tone](#).

Differentiation is not unlike [refraction](#) wherein a WHOLE is divided into its constituent parts; i.e., a [rainbow](#), for instance, divided into its three main components - viz. - [HEAT](#) ([infrared](#) / [red](#)), [LIGHT](#) ([yellow](#) / [white](#)) and [CHEMICAL](#) ([blue](#) / [ultraviolet](#)) rays. (This is one of the great base ideas [Keely](#) discovered in Hughes' [Harmonies of Tones and Colours - Developed by Evolution](#) - the triple nature of a whole.)



Rainbow is Differentiated White Light ([click to enlarge](#))

Keely

Mr. [Keely](#) gives a few introductory words concerning the necessary [graduating](#) of his [instruments](#), for effecting [conditions](#) necessary to ensure perfect [sympathetic transmission](#) which serve to show the difficulties... attendant upon getting [his machines](#) under control and [equate](#) the **differentiation** in [molecular masses](#), requiring greater skill than in researching the [force](#) of a [sunbeam](#). He writes: "*The **differentiation** in the [molecular metallic masses](#), or [grouping](#), is brought about in their manipulations in manufacturing them for commercial uses; in the forging of a piece of [metal](#), the drawing of a length of [wire](#), and in casting a molten [mass](#) of any [form](#).*" [[Snell Manuscript - The Book, GRADUATION OF MACHINES](#), page 5]

"The nearest approach to [molecular uniformity](#) in [metallic masses](#) is in the [wire](#) drawn for commercial uses, [gold](#) and [platina](#) being the nearest to freedom from **differentiation**. But even these [wires](#), when tested by a certain condition of the [first order of intensified molecular vibration](#) for a transferring [medium](#) between [centers of neutrality](#), I find to be entirely inadequate for the transfer of [concordant union](#), as between one and the other, on account of [nodal interferences](#). We can appreciate the difficulty of converting such a [medium](#) to a [uniform molecular link](#), by knowing that it can be accomplished only after removing all [nodal interferences](#), by inducing between the [nodal waves](#) a condition in which they become subservient to the [inter-sympathetic vibratory molecular link](#) of such structure or [wire](#)." [[Snell Manuscript - The Book, GRADUATION OF MACHINES](#), page 5]

Excellent video presentation by Dale Pond on this topic:

"Therefore, it is necessary to submit the [wire](#) to a system of [graduation](#) in order to find what the combined

chords of these *nodal interferences* represent when focalized to one general *center*. Then the **differentiation** between these *nodal waves* and the *intermolecular link* must be equated, by what I call a process of *vibratory induction*, so as to induce pure *concordance* between one and the other. To elaborate on this system of *graduation*, for effecting conditions necessary to ensure perfect and unadulterated *transmission*, would make up a book that would take days to read and months to study. [Snell Manuscript - The Book, GRADUATION OF MACHINES, page 5]

"That *tuning forks* can be so constructed as to show *coincident* or *concordant association* with each other, is but a very weak illustration of the fact which governs pure *acoustic assimilation*. The best only approach a *condition* of about a fortieth, as regards pure *attractive and propulsive receptiveness*. By **differentiating** them to *concordant thirds*, they induce a *condition of molecular bombardment* between themselves, by *alternate changes of long and short waves of sympathy*. Bells rung in *vacuo liberate* the same number of *corpuscles*, at the same *velocity* as those surrounded by a normal *atmosphere*, and hence the same *acoustic force* attending them, but are *inaudible* from the fact that, in *vacuo*, the *molecular volume* is *reduced*. Every *gaseous molecule* is a *resonator* of itself, and is *sensitive* to any and all *sounds induced*, whether *accordant* or *discordant*." [*attractive and propulsive receptiveness*] [Snell Manuscript - The Book, GRADUATION OF MACHINES, page 5]

"*Electricity* is the result of *three differentiated sympathetic flows*, combining the *celestial* and *terrestrial flows* by an *order of assimilation negatively attractive* in its *character*. It is one of *Nature's* efforts to *restore attractive differentiation*. In analyzing this *triple union* in its *vibratory philosophy*, I find the *highest order of perfection* in this *assimilative action of Nature*. The whole *condition* is *atomic*, and is the introductory one which has an *affinity* for *terrestrial centers*, uniting magnetically with the *Polar stream*, in other words, uniting with the *Polar stream* by *neutral affinity*. The *magnetic* or *electric forces* of the *earth* are thus kept in *stable equilibrium* by this *triune force*, and the *chords* of this *force* may be expressed as:

1st.: The *Dominant*

2nd.: The *Harmonic*

3rd.: The *Enharmonic*. [WHAT IS ELECTRICITY] [Vibratory Physics - The Connecting Link between Mind and Matter]

"No such thing as *discord* exists in the *molecule*. *Discordance* results from *chords* producing **differentiation** and may be equated by the proper *chord of harmony*. Every *gaseous molecule* is a *resonator* to any and all vibrations, whether *concordant* or *discordant*. That which we term *discord* exists in *sound* itself, not in *matter*." Snell Manuscript

"**Differentiation**, by compound negative *vibration* of their *neutral centres*, causes *antagonism*, and thus the great attractive power that aggregates them becomes one of *dispersion* or *expansion*, accompanied by immense *velocity* of *rotation*, which carries its influence through the whole volume of air, 230 cubic inches contained in sphere, within its $33 \frac{1}{3}$ chord of its circle of coincidence. By this wire of *platinum* and *silver* the current of force is now passed to run the *vibratory disk*, thus altogether upsetting the "compressed air" theory of Professor Barks, Dr. Hall, and others of less note." [Keely, Keely and His Discoveries]

"The breaking up of a cyclone will open a field for future research, if any way can be discovered for obtaining the *chord of mass* of the cyclone. To **differentiate** the chord of its *thirds* would destroy it;" [Chapter 9 of Keely and His Discoveries]

"Like poles do not repel each other, simply because there is a perfect *sympathetic equation* between them; the same in unlike poles. If a **differentiation** of $33 \frac{1}{3}$ against 100 is established between them, whether like or unlike, they become attractive to each other. They become repellent after **differentiating** them, $66 \frac{2}{3}$ of the one against 100 of the other, by *sympathetic vibration*." [Keely and His Discoveries]

"The normal *brain* is like a *harp* of many *strings* strung to perfect *harmony*. The transmitting *conditions* being perfect, are ready, at any *impulse*, to *induce* pure *sympathetic assimilation*. The different *strings* represent the different *ventricles* and *convolutions*. The **differentiations** of any one from its true setting is fatal, to a certain *degree*, to the *harmony* of the whole *combination*. If the *sympathetic condition* of any *physical organism* carries a *positive flow* of 80 per cent on its whole *combination*, and a *negative* one of 20 per cent, it is the *medium* of

perfect **assimilation** to one of the same **ratio**, if it is distributed under the same **conditions** to the **mass** of the other. If two **masses** of **metal**, of any **shape** whatever, are brought under perfect **assimilation**, to one another, their **union**, when brought into contact, will be instant." [Keely and His Discoveries, Chapter 7] [Assimilation]

"If the **sympathetic condition** of any **physical organism** carries a **positive flow** of 80 per cent on its whole **combination**, and a **negative** one of 20 per cent., it is the **medium** of **perfect assimilation** to one of the same **ratio**, if it is distributed under the same **conditions** to the **mass** of the other. If two **masses** of **metal**, of any **shape** whatever, are brought under **perfect assimilation**, to one another, their **union**, when brought into contact, will be instant. If we live in a **sympathetic field** we become **sympathetic**, and a tendency from the **abnormal** to the **normal** presents itself by an **evolution** of a purely **sympathetic flow** towards its **attractive centres**. It is only under these **conditions** that **differentiation** can be broken up, and a pure **equation** established. The only **condition** under which **equation** can never be established is when a **differential disaster** has taken place, of 66 2/3 against the 100 pure, taking the full **volume** as one. If the 66 2/3 or even 100 exists in one **organ** alone, and the surrounding ones are **normal**, then a **condition** can be easily brought about to establish the **concordant harmony** or **equation** to that **organ**. It is as rare to find a **negative condition** of 66 2/3 against the **volume** of the whole **cerebral mass**, as it is to find a **coincident** between **differentiation**; or, more plainly, between two **individuals** under a **state** of **negative influence**. Under this new **system** it is as possible to **induce negations** alike as it is to **induce positives** alike." [Keely - Cure of Disease]

"If we live in a **sympathetic field** we become **sympathetic**, and a tendency from the abnormal to the normal presents itself by an **evolution** of a purely **sympathetic flow** towards its attractive centers. It is only under these conditions that **differentiation** can be broken up, and a pure **equation** established. The only condition under which **equation** can never be established is when a differential disaster has taken place, of 66 2/3 against the 100 pure, taking the full volume as one. If this 66 2/3 or even 100 exists in one organ alone, and the surrounding ones are normal, then a condition can be easily brought about to establish the **concordant harmony** or **equation** to that organ. It is as rare to find a negative condition of 66 2/3 against the volume of the whole **mass**, as it is to find a coincident between **differentiation**; or, more plainly, between two individuals under a state of negative influence. Under this new system, it is as possible to induce **negations** alike as it is to induce positives alike. Pure **sympathetic** concordants are as antagonistic to negative discordants as the negative is to the positive; but the vast volume the **sympathetic** holds over the **non-sympathetic**, in ethereal **space**, makes it at once the ruling medium and readjuster of all opposing conditions if properly brought to bear upon them." [Keely and His Discoveries, Chapter 7]

"Like poles do not repel each other, simply because there is a perfect **sympathetic equation** between them; the same in unlike poles. If a **differentiation** of 33 1/3 against 100 is established between them, whether like or unlike, they become **attractive** to each other. They become **repellent** after **differentiating** them, 66 2/3 of the one against 100 of the other, by **sympathetic vibration**." [Vibratory Physics - The Connecting Link between Mind and Matter]

All abnormal **discordant aggregations** in these resonating **convolutions** produce **differentiation to concordant transmission**; and according as these **differentiations** exist in volume, so the transmissions are discordantly transferred, producing **antagonism** to pure physical action. Thus, in **motor ataxy**, a **differentiation** of the **minor thirds** of the **posterior parietal lobule** produces the same condition between the retractors and extensors of the leg and foot, and thus the control of the proper movements is lost through this **differentiation**. The same truth can be universally applied to any of the **cerebral convolutions** that are in a state of **differential harmony** to the mass of immediate **cerebral** surroundings. Taking the **cerebral** condition of the whole mass as one, it is subservient to one general **head centre**; although as many **neutrals** are represented as there are **convolutions**. The **introductory minors** are controlled by the **molecular**; the next **progressive third** by the **atomic**; and the **high third** by the **etheric**. All these progressive links have their **positive**, **negative**, and **neutral position**. When we take into consideration the structural condition of the human **brain**, we ought not to be bewildered by the infinite variety of its **sympathetic impulses**, inasmuch as it unerringly proves the true philosophy that the **mass-chords** of such structures are governed by **vibratory etheric flows**. There is no structure whatever - animal, vegetable, or mineral - that is not built up from the cosmic **ether**. Certain **orders** of **attractive vibration** produce certain **orders** of structure; thus the infinite variety of effects; more especially in the **cerebral organs**. **Discordance** cannot exist

in the molecule proper. *Discordance* in any mass is the result of **differentiated** groups induced by *antagonistic chords*, and any *differentiated mass* can be brought to a condition of *harmony* or *equation* by proper *chord media*, and an *equated sympathy* produced whether the *mass* be metal or *brain*. [Vibratory Physics - The Connecting Link between Mind and Matter]

"There is good reason for believing that *insanity* is simply a condition of **differentiation** in the *mass-chords* of the *convolutions*, which creates an *antagonistic molecular bombardment* towards the *neutral* or *attractive centres* of such *convolutions*. This may be compared to a knot on a violin string. As long as this knot remains, it is impossible to elicit, from its *sympathetic* surroundings, the condition which transfers pure *concordance* to its resonating body. *Discordant* conditions (i.e., **differentiation** of *mass*) produce *negatization* to *coincident action*. Pure *sympathetic concordants* are as antagonistic to *negative discordants* as the negative is to the positive; but the vast volume the *sympathetic* holds over the *non-sympathetic*, in ethereal *space*, makes it at once the *ruling medium* and re-adjuster of all opposing conditions, when properly brought to bear upon them. *Josiah Royce* is right as regards correspondent *sympathetic association* between two conditions. If *concordance* can be established, even of unlike states, no matter whether it be of the high tenuous forces of nature, gases with liquids, liquids with solids, solids with gases, the structural conditions can be perfectly adverse. Their *neutral centres* are the *focalized seat* of *sympathetic concordance* for controlling any **differentiation** that may exist outside, or in the *mass* that surrounds them. Certain *orders* of *vibration* can reach these centres and establish a *concordant flow of sympathy*, independent of any *mass antagonism*; in other words, certain orders of *sympathetic vibratory transmission* can correct and equate all **differentiation** that may exist between physical organisms and their *cerebellic flows*. *Discord is disease. Harmony is health.*" - [Keely.] [[Vibratory Physics - The Connecting Link between Mind and Matter]

"I find in my researches, as to the *condition* of *molecules* under *vibration*, that *discordance* cannot exist in the *molecule* proper; and that it is the highest and most perfect structural *condition* that exists; providing that all the *progressive orders* are the same. *Discordance* in any *mass* is the result of **differentiated** groups, induced by *antagonistic chords*, and the flight or *motions* of such, when intensified by *sound*, are very tortuous and *zigzag*; but when free of this **differentiation** are in *straight lines*. Tortuous lines denote *discord*, or *pain*; *straight lines* denote *harmony*, or *pleasure*. Any **differentiated mass** can be brought to a *condition* of *harmony*, or *equation*, by proper *media*, and an *equated sympathy* produced." [Keely and His Discoveries, Chapter VII]

The *Fundamental "C"* develops through *overtone* and *undertone* progressions into all the other musical notes in a *scale*.

✖
This same phenomenon occurs in all octaves of *Creation* - As Above So Below.

✖
Undifferentiated *Mind* is the *Centering Fundamental* which Differentiates into Spilt *Thinking*.

✖

Russell

"One of the greatest errors in reactor construction is the use of aluminum tubes for *uranium* containers. *Aluminum* would become charged with radioactive death very quickly in comparison with *silver*, *gold* or any other metal on the *blue* side of the spectrum. Steel is on the *red* side, but its density is so much greater than *aluminum* that it is a better metal than aluminum for that purpose. *Nickel* would be better than steel, for nickel is on the *blue* side." [Atomic Suicide, page 17. See *spectrum*]

The division of *sexless Oneness* into *pairs* could not be a part of Nature's process without also **dividing the Oneness of Light**. God's *Magnetic Light* is *white* because it is *still*. It has no *tensions* or strains in it, for it is not

divided. It is *invisible* to the senses because it has no *motion* in it. The moment *motion* begins the *Light* of the Creator's energy is **divided into pairs** which multiply their *red* and *blue* intensities in the *ratio* of their *extension* from their *cathode* beginnings, just as *electric potential* multiplies its intensity for the same reason. [Atomic Suicide, page 92]

Schauberger

In reality there are *two mutually opposed fermentation processes* (forms of *inner motion*) that determine what is to be created from these *allotropic* (polymorphic) *fat-concentrates* entombed in the *Earth* along with the *cadaver*. *Decomposive* and *retrogressive energies* - the above *ptomaine radiation* - are active here, which are generated when the *reversed fermentation process* that produces *positively charged acids* is triggered by *thermal influences* which intensify *internal - rupturing - pressures*. This is further exacerbated by the *disintegrative* effect of *mechanics*, which bio-logic-ally speaking gives rise to reactivated *centrifugal motion*. It thus becomes clear that in *Nature* there are neither *equivalencies*, nor any constant *conservation of energy* or *matter*, but only **differentiations**, which mutually *potentiate* one another. *Robert Mayer*, *Isaac Newton* and others devoid of *intuition* - therefore *nature-alienated lawmakers* - have seriously erred (exact proof of this exists) inasmuch as in an eternally changing *Nature* there are actually no rigid *laws*, no *domas* or *absolutes*, but only a *rhythmical interplay* of energies, which determine the *fate* of all *existence*. [17] This is because the products of this *interplay*, already in an *atomic state*, have an in-built capacity to *react*, and are therefore products of *bio-logical development*. [The Energy Evolution - Harnessing Free Energy from Nature, Cadaverine Poison in Ray-Form - Ptomaine Radiation]

"In 1816 *André-Marie Ampère* gave Augustin-Jean Fresnel an idea that the *polarization* of light can be explained by the wave theory if light were a *transverse* wave.

"By the year 1821, Fresnel was able to show via mathematical methods that *polarization* could be explained by the wave theory of light and only if light was entirely *transverse*, with no *longitudinal* vibration whatsoever."
https://en.wikipedia.org/wiki/Light#Wave_theory ↗

See Also

Akasa - Ether: The First Duality

differentiate

differentiated mass

differentiation of mass

differentiation to concordant transmission

Discord

Discordance

Entropy

index of refraction

infinite differentiation

Law of Refractive Indices

List of Synonyms for Disturbance of Equilibrium

Octave

Overtone

Rainbow

Refraction

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Undifferentiated