

What is ultimately possible in physics is dependent upon (and relates to) the natural, integrated, and interactive extensiveness of being, experience, thought, gravity, and electromagnetism/light in and with time. This will be demonstrated in this essay.

Consider astronomical/telescopic observations, as follows. Thoughts are relatively shifting and variable. Likewise, dream vision is relatively shifting and variable. Astronomical observations are reducing/isolating/narrowing our capacity for understanding due the fact that they are similar to thought. (Dreams make thought more like sensory experience in general, thereby [generally] reducing both thought and vision/sensory experience). Astronomical observations are relatively shifting, inconsistent, unpredictable, and variable. In other words, astronomical observations are interactive creations of thought, to a significant extent. This confers inconsistency, narrowness, and unpredictability regarding thought(s) as it then relates to experience/thought/understanding(s) in general. Astronomical observations are creating a mess of theory/ideas/thinking. Astronomical observations have significant similarities with dreams. Thoughts, dream vision/content, and astronomical observations are relatively shifting and variable in comparison with typical and ordinary vision/experience. Astronomical observations involve a relative detachment, disintegration, and contraction of vision/visual experience as they relate to space, experience, and thought generally. There is a slowing of motion in astronomical observations and in the dream as well. Astronomical observations and dreams involve a narrowing/"telescoping" of vision. Dream experience and telescopic/astronomical observations are considerably different as compared to waking experience.

The following now discusses the natural, integrated, and interactive extensiveness of being, experience, thought, gravity, and electromagnetism/light in and with time. The unification of Einstein's theory of gravity (general relativity) with Maxwell's theory of light (electromagnetism) is achieved by the addition of a fourth dimension of space to Einstein's theory. This unification must be significantly and plainly evident in our experience. The dream is the best (and most thorough) evidence of a comprehensive union and balancing of gravity and electromagnetism/light. This will be clearly demonstrated in this writing.

Electromagnetism/light involves extremes of feeling, distance, brightness, visibility, size, and energy. Gravity and electromagnetism/light are united at the [gravitational] mid-range of feeling between thought and sense. When scale is balanced, gravity is repulsive and attractive as electromagnetic energy/light and feeling.

Gravity and electromagnetism/light are fundamental to life. They are unified in the dream. Gravity and electromagnetism/light are inseparable from the integrated extensiveness of being, experience, and thought.

Dreams unify gravity and electromagnetism/light by involving what is [the gravitational and electromagnetic/light] mid-range of feeling between thought and sense. Gravity and electromagnetism/light are both attractive and repulsive in the dream.

I have demonstrated gravity as attractive and repulsive, in keeping with relatively constant (and proper) lighting, energy, and brightness, in a space that is (at once) understood to be larger/additive and relatively smaller. The space is also invisible and visible at once. The

distance (or size) of space in the dream is dynamic or variable as well.

Electromagnetism/light is not only associated with extremes of size (e.g., photons and the Sun, in comparison with the Earth and typical/ordinary space), but also with extremes of gravity (or gravitational influence).

I have demonstrated electromagnetism/light as gravitational space; as space manifests as both gravitational and electromagnetic/light energy (involving constant energy as well).

Now comes definitive and further mathematical proof regarding said unification; and, importantly, this comes in addition to what is the already known/demonstrated mathematical union of Maxwell's and Einstein's theories in a fourth dimension of space.

This further mathematical demonstration/proof of the subject unification is now provided in what is also a fundamental, simple, and convincing fashion; as I have shown the three to one (one third) relation of both space (the three space dimensions in relation to the fourth space dimension) and time (3 to 1 in Einstein's theory of gravity) in dreams; as dreams occur during the one third of our lives that we spend sleeping. In other words, the extension in space (three to one, or one third) is consistent with extension in time as well. Note: there are three parts of time — past, present, future.

Central to this entire discussion is the fact that if the self did not represent, form, and experience a comprehensive approximation of experience in general, we would be incapable of growth and of becoming other than we are. At a minimum, the dream represents a comprehensive approximation of the fundamental union between the electromagnetic and gravitational forces. In this writing, I will represent electromagnetism and gravity as integrated, balanced, additive, subtractive, repulsive, and attractive; as dreams add to the integrated extensiveness of being and experience in (and with) time.

Since unconscious and conscious experience are necessarily interactive, they are combined. The ability of thought to describe or reconfigure sense is ultimately dependent upon the extent to which thought is similar to sense. Critical to this entire discussion is the fact that dreams make thought more like sensory experience in general. The Kaluza-Klein unification of gravity and electromagnetism in a fourth dimension of space is (in fact) a confirmation of thought being made more like sensory experience in general. The self represents, forms, and experiences a comprehensive approximation of experience in general. At a minimum, dream experience is the comprehensive approximation of the unification of electromagnetism (or light) and gravity.

The dream represents the underlying and fundamental process/manifestation by which the totality of experience is attained to and known/understood at its deepest level. The world requires and involves man.

Thought involves a relative reduction in the range and extensiveness of feeling. In keeping with this, dreams make thought more like sensory experience in general. By generally reducing the range and extensiveness of feeling during dreams, and yet by compressing, sustaining, and elevating energy/feeling, gravity and electromagnetism are unified and balanced; and, in keeping with this, dreams make thought more like sensory experience in general (including electromagnetism and gravity). It is not only in the dream that the vision of each individual

person is necessarily different. That is obvious. All experience (i.e., waking, dreams, vision, etc.) is unique to each individual.

Important (if not central) to this discussion is the fact that the integrated extensiveness of thinking is improved in the truly superior mind (and ideal/highest form of genius).

Since dreams are representative of (and inseparable from) our growth and our becoming other than we are as well, they represent the character and essence of experience in general. Dreams are demonstrative of the fact that the self represents, forms, and experiences a comprehensive approximation of experience in general. If the self did not represent, form, and experience a comprehensive approximation of experience in general, we would be incapable of growth and of becoming other than we are.

Since the self has extensiveness of being and experience (in and with time) in conjunction with the integrated and natural extensiveness of sensory experience, we spend less time dreaming (and sleeping) than waking. The integrated extensiveness of being and experience go hand in hand.

Dreams are an emotional experience that occur during the one third of our lives that we spend sleeping, because emotion is one part (or one third) of feeling, emotion, and thought. Consistent with this, both feeling and thought are proportionately reduced in the dream. Thoughts and emotions are differentiated feelings. Dreams are essential for thoughtful and emotional balance, integration, comprehensiveness, consistency, and resiliency. Indeed, emotion that is comprehensive and balanced advances consciousness. If the self did not represent, form, and experience a comprehensive approximation of experience in general, we would be incapable of growth and of becoming other than we are.

Emotion that is comprehensive and balanced advances consciousness. Dreams are an emotional experience. The comprehensiveness and consistency of both intention and concern are central to our consciousness, life, and growth. (Desire consists of both intention and concern, thereby including interest as well.) The comprehensiveness and consistency of both intention and concern in relation to experience in general is ultimately dependent upon the natural and integrated extensiveness of sensory experience. In keeping with this, consciousness and language involve the ability to represent, form, and experience comprehensive approximations of experience in general; and this includes art and music as well. If the self did not represent, form, and experience a comprehensive approximation of experience in general, we would be incapable of growth and of becoming other than we are. Importantly, dreams include the experience of language. Dreams make thought more like sensory experience in general.

In a meaningful sense, we are less constrained in the dream; as the dream extends our very being, intention, concern, and experience (including thought). Indeed, the dream involves growth and becoming other than we are; in this fashion, the dream is less restrictive. However, on balance, we can be said to be bound by (or subject to) the laws of physics therein in what is a more unified (or constraining) fashion as well. The dream offers an expanded (yet relatively unified) understanding of physics.

The following is important in linking our dream and waking experiences. Dream experience can be experienced (or seen/recalled) while waking, and one can also be aware of the fact that the dream is a dream while still dreaming. The self is relatively unconscious (but still conscious) in

the dream.

Consideration should be given to the fact that the eye has a transparent (or clear) space that adjoins the black space within the eye. This is to be directly compared with the adjoining transparent (and clear) sky and the black space (i.e., outer space) in which the Sun is located.

Dreams involve a fundamental integration and spreading of being and experience at the mid-range of feeling between thought and sense. Since dreams [already] involve a fundamental integration and spreading of being and experience at what is the mid-range of feeling between thought and sense, the sense of smell very rarely occurs while dreaming, and the lighting and sound levels are fairly constant (and proper) therein. Memory integrates experience. There is less memory in the dream because experience is already better integrated, and also because experience is less extensive. Dreams improve upon memory and understanding by increasing (or adding to) the integrated extensiveness of being and experience (including thought) in and with time. The sense of relative familiarity involving dream experience is associated with the improvement of understanding and memory therein. Dreams and memory integrate experience; and both add to the extensiveness of experience (including thought) as well, while involving a [relative] reduction in the totality of experience. The dream and genius demonstrate that more must be forgotten in order for new experiences to obtain; but a superior integration and familiarity of experience serves as the basis (or substituted requirement) for this forgetfulness that involves this extension of experience.

Memory integrates experience and is necessary for the improved integration of a greater totality of experience; and here lies its connection with the advancement of consciousness and genius. Memory increases (or adds to) the extensiveness, desirability, predictability, and intentionality of experience. Memory is an aid with regard to the extensiveness of intentionality in regard to experience. The loss (or reduction) in both memory and the intentionality of experience that occurs in the dream helps to explain why we are basically (or significantly) without the use of our body therein.

The dream is demonstrative of (and critical for) our ability to grow in (and with) time and to become other than we are. Accordingly, dreams involve a fundamental integration and spreading of being and experience at the mid-range of feeling between thought and sense; as the self represents, forms, and experiences a comprehensive approximation of experience in general. Critically, the fundamental integration and spreading of being and experience during dreams is essential to the continuity and extensiveness of being and experience (including thought) in time.

Dreams are necessarily an emotional experience. Consistent with this, there is a proportionate reduction of both thought and feeling during dreams. (This is consistent with experiences of flying and falling in dreams.) Emotion approximates to the mid-range of feeling between thought and sense in keeping with the range of feeling that is experienced by the body. The central role of desire in relation to experience becomes clear; for the comprehensiveness and consistency of both intention and concern are central to our consciousness, life, and growth. (Desire consists of both intention and concern, thereby including interest as well.)

The perception and meaning of experience are functions of the comprehensiveness and consistency of intention and concern in regard to experience in general. This is inseparable from our very freedom and the extensiveness of experience and thought. The comprehensiveness and

consistency of intention and concern in relation to experience in general involves: language; superior, elevated, and sustained desire; wonder; and expanded consciousness (and thought). That the self represents, forms, and experiences a comprehensive approximation of experience in general is the great revelation of dreams. Indeed, consciousness and language involve the ability to represent, form, and experience comprehensive approximations of experience in general; and this includes art and music as well. Becoming "one with the music" is linked to the fact that emotion that is comprehensive and balanced advances consciousness.

Dreams involve a sense of relative familiarity with the experience therein. In keeping with this, dreams involve a fundamental integration and spreading of being and experience, thereby increasing the capacity for memory and understanding; for there is an increase in the extensiveness of experience during dreams, and also a relative reduction in [the totality of] experience while dreaming. Therefore, dreams simultaneously improve upon both memory and understanding in conjunction with new experiences/thoughts. (This effect is clearly evident in the works of genius, and also with the past/present/future extensiveness and superior predictability regarding the thoughts of genius.) It is for these reasons that the dream neither involves what has happened (the past) nor what will happen (the future); but, dreams have essential, substantial, and significant bearing regarding what can happen (in relation to past, present, and future experience). Again, the fundamental integration and spreading of being and experience during dreams is essential to the continuity and extensiveness of being and experience (and thought) in time. Similarly, dreams and memory integrate experience; and both add to the extensiveness of experience as well, while involving a [relative] reduction in the totality of experience.

Thought involves a relative reduction in the range and extensiveness of feeling. In keeping with this, dreams make thought more like sensory experience in general. Accordingly, both thought and also the range and extensiveness of feeling are proportionately reduced in the dream. (This reduction in the range and extensiveness of feeling during dreams is consistent with the fact that the experience of smell very rarely occurs therein.) Since there is a proportionate reduction of both thought and feeling during dreams, the experience of the body is generally (or significantly) lacking; for thought is fundamentally rendered more like sensory experience in general. Thoughts and emotions are differentiated feelings. By involving the mid-range of feeling between thought and sense, dreams make thought more like sensory experience in general. The reduction in the range and extensiveness of feeling during dreams is why there is less memory and thought therein.

The dream is very animated (or active) in one sense, and yet it is relatively inanimate in its construction as well. The absence of weather and temperature (i.e., hot and cold) in dreams is also suggestive of a fundamental integration and balancing of physical forces. It is important to note that there is a relative reduction in the totality of experience during dreams. This is in keeping with my assertion that (in a significant sense) the totality of experience is more similar in the dream when compared to that of waking experience.

Dreams involve a fundamental integration and spreading of being and experience at the mid-range of feeling between thought and sense. Accordingly, thought and feeling are proportionately reduced during dream experience. This proportionate reduction of thought and feeling is consistent with the fact that the dream is an emotional experience. (Thoughts and emotions are differentiated feelings.) The heightened interactivity with (or of) the feeling of the

self involves a disintegration of visual experience, as this takes place: during dreams; when an object is close to the eye(s); and when looking (or staring) at the Sun. During dreams, such heightened energy and feeling at the emotional center of the self is associated with the [relative] disintegration of vision therein, and with the experience of colors while dreaming as well. Consistent with such heightened energy/feeling, it is significant that there is neither fatigue nor tiredness in the dream. In dreams, this relatively narrow mid-range of feeling is the reason why the visual experience therein is not blurry (i.e., it is not out of focus or further disintegrated); and this associated (and narrow) range of feeling is also evident in the almost constant visual lighting therein. Since the experience of both the body and the Sun involve higher feeling than is experienced in the dream, dream vision is [generally] in the distance from (i.e., out of reach of) the self; and it is not extended as far as the influence of the higher feeling of the Sun would allow. Accordingly, the body and the Sun are basically (or significantly) absent during dreams. The reduction in the range of feeling that occurs during dream experience is associated with a reduction in both thought and experience in general. During dreams, when waking, in becoming "one with the music", and given the increased and successful involvement of unconscious experience (in general), the range of feeling that thought may take place in conjunction (or association) with is increased (or elevated), thereby advancing consciousness. Dreams and genius add to the extensiveness of experience, thereby increasing the capacity for memory and understanding. Memory integrates experience. Memory, genius, and dreams improve upon the integrated extensiveness of experience (and thought).

Since dreams involve a fundamental integration and spreading of being and experience (including thought) at what is the mid-range of feeling between thought and sense, the unification (and balancing) of gravity and electromagnetism is necessarily evident therein; for the self represents, forms, and experiences a comprehensive approximation of experience in general. In keeping with the fact that dreams make thought more like sensory experience in general, the ability of thought to describe or reconfigure sense is ultimately dependent upon the extent to which thought is similar to sense. Thoughts are relatively shifting and variable. Likewise, dream vision is relatively shifting and variable. The interactive aspect of being and experience limits the understanding, as it allows for our growth.

The self is essentially weightless (or floating) during the dream as a result of gravitational balancing. This involves what may be envisioned as the upward reduction of feeling (in the body, from the feet up) coupling with the downward reduction of thought (in the body, from the top of the head down). In other words, thought and feeling are proportionately reduced in the dream. (It is also significant that the unborn child is carried in/near the center of the body.) This is the first part in achieving overall gravitational/electromagnetic balance, as I have described the compression of small scale/earthly gravitational space (or effects) in this paragraph. It is important to also note that gravity is fairly constant near the surface of the Earth. That dreams involve a fundamental integration and spreading of being and experience (including thought) at the mid-range of feeling between thought and sense is consistent with the self representing, forming, and experiencing a comprehensive approximation of experience in general.

The dream is, however, both additive and subtractive in relation to experience (and space) in general. Accordingly, our [relative] immobilization during dreams is also associated with being suspended in a larger space (similar to outer space); since, on balance, the dream exhibits characteristics of an inherently larger space as well. In a larger space (or outer space), the effects

of gravity are [relatively] repulsive; as the objects are farther apart. In a smaller space (like the Earth), objects are closer together; as gravity may be considered to be [relatively] attractive. Electromagnetism is both repulsive and attractive; and magnetism and electricity are unified in Maxwell's theory of light/electromagnetism. In the dream, a compression of generally balanced and sustained energy/feeling/lighting is not only consistent with the generally heightened level of concern therein; it is in keeping with our inability to freely move (or escape) in the dream; and all of this is also consistent with the fact that the visual images therein are properly understood to be (on balance) at an increased distance insofar as they often cannot be (and are not) touched/reached. Comparatively, regarding the aspect of additive/larger space in the dream, the Sun is the central source of the lighting/energy/gravity in outer space; as the self is the central source of the compressed, sustained, and [generally] balanced energy, lighting, and feeling in the dream. Dreams involve a contraction (i.e., compression), extension, disintegration, and reconfiguration of sensory experience in general. Dreams make thought more like sensory experience in general.

Dream vision is generally closer (or flattened), thereby resulting in a loss/reduction of peripheral vision as well. Accordingly, visual objects are closer together in the dream, and yet they are more distant (from the self) in an important and meaningful sense as well. The small scale, earthly/bodily, gravitational contraction and compression is both vertical and horizontal on balance. However, the visual objects in the dream may be understood as being farther in the distance (as in the experience of outer space) insofar as they often cannot be (and are not) touched/reached. During waking vision, one can [generally] touch what one sees. In outer space (importantly and comparatively), relatively distant, dispersed, and flattened motion/orbits characterize the locations of the planets in relation to that of the Sun. In the dream, vision and thought are semi-detached from touch (and feeling). The reduction in the range and extensiveness of feeling during dreams is in keeping with the fact that we don't generally look upward or downward in the dream. The dream achieves gravitational/electromagnetic equilibrium.

The fourth dimension must be understood as additive (in regard to space) as well as being subtractive (on balance) as well. Accordingly, the large scale (expansion) of space in the dream is understood (on balance) to be merged or coupled with the small scale (contraction) of space. It is significant that there is no fatigue, tiredness, or lack of energy in the dream. Importantly, the self is understood to be the source of the relatively constant lighting level and energy therein. (Moreover, colors are present as well.) Gravity and electromagnetism (or light) are thus enmeshed and balanced at the large and small scales.

The fundamental laws of physics must be unified and also understood in a fashion that allows life and experience (in general) to be. Consistent with this, dream experience is essential to the proper (and complete) understanding of both life and experience in general.

Dreams involve a fundamental integration and spreading of being and experience at the mid-range of feeling between thought and sense. The self represents, forms, and experiences a comprehensive approximation of the totality of experience by combining unconscious and conscious experience. Experience then becomes a more direct expression of the self that is increasingly representative of a greater totality of experience as well. That the self represents, forms, and experiences a comprehensive approximation of the totality of experience is evident in both our waking and dream experiences.