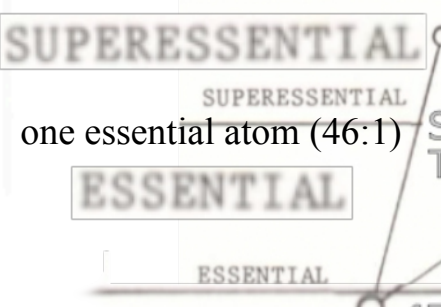


*Smaller numbers indicate an evolutionary goal of consciousness development & less mass density in matter. The densest matter, denser emotion and denser mentality are indicated by larger number values, closer to bottom of this chart.*

**Math of Consciousness**  
Preliminary Study of Reality



superessential molecule (45:4) ... The third or highest triad consists of: one superessential atom (45:1) only 45-selves are able to visit other planets, in their superessential envelopes

The 42 molecular worlds form spheres of their own within the solar system, starting from the centres of the planets.

one essential atom (46:1) \*smell with world 45 heart centre 46

one mental atom (47:1) \*taste with world 46 essential (46) electro- magnetic force. (EE 4.21) \*sight with world 47

<sup>2</sup>The second self consists of four different beings: the higher superessential being (45:1-3), which embraces the lower three envelopes: namely, the lower superessential being (45:4-7), an essential being (46:1-7), and a causal being (47:1-3). The developmental levels of the second self are 14 in number; one level for each molecular kind of the essential and superessential kinds of matter. The three kinds of causal consciousness the monad has already acquired as a first self. The third self consists likewise of four beings: a superessential (45:1- 3), a submanifestal (44:1-7), and two manifestal (43:4-7 and 43:1-3) beings.

<sup>15</sup>All the atomic worlds exist everywhere in the cosmos. The terms higher and lower atomic worlds thus bear on the mathematical notations and mainly imply differences in primordial atomic density, dimension, etc. The higher worlds penetrate the lower ones. The 49 atomic worlds form one integrated sphere, our cosmos.

Causal consciousness is of three kinds (47:1-3) A fully activated causal consciousness(47:1)

In the mental world the consciousness of the lower five molecular kinds (47:3-7) .....

At the stage of humanity the higher two kinds of mental consciousness (47:4,5) are activated, which at the stage of civilization have been part of the superconscious.

<sup>5</sup>At the stage of culture, the vibrations from 48:3 can reach the causal of 47:3, which makes it possible to experience causal “inspirations” and to begin activating the lowest causal consciousness. <sup>6</sup>At the stage of humanity, the higher mental consciousness of 47:5 and 4 is conquered, and at the stage of ideality the causal of 47:2,3.

47:7 higher clairaudience, 47:6 planetary psychometry, 47:5 higher clairvoyance, 47:4 discrimination, 47:3 higher discernment, 47:2 response to group vibrations, 47:1 higher telepathy

<sup>19</sup>The causal world (47:2,3) has also been called the world of ideas and the world of knowledge; the mental world (47:4-7), the world of fictions; and the emotional world (48:2- 7), the world of illusions.

the stage of ideality 47:2,3  
the stage of humanity 47:4,5  
the stage of civilization 47:6,7

**Causal World – World of Platonic Ideas**

eighteen different kinds of objective consciousness about the corresponding molecular kinds: gross physical, of three kinds (49:5-7) etheric physical, of three kinds (49:2-4) emotional, of six kinds (48:2-7) mental, of four kinds (47:4-7) causal, of two kinds (47:2,3) –mental being~is conscious in the lower two mental molecular kinds (47:6,7).

<sup>18</sup>The lowest three atomic worlds (47–49) make up five different molecular worlds, which have been called the worlds of man

Etheric Mental Molecule (47:4) one mental molecule (47:4) consciousness in the lowest molecular kind (47:7) displays ten successively higher powers of inference.

Of the 777 levels~ 7% (are at) higher mental, or causal, consciousness (47:1-3) /100 to the higher emotional (48:2,3), /70 to the lower mental (47:4-7), and 7 to the higher mental, or causal, consciousness (47:1-3), which at the stage of civilization still slumbers as inactive ability...emotional+ mental consciousness= high & low kinds.

the emotional world can be divided into two “heavens” (48:2,3) and four “hells” (48:4-7) Of the 777 levels, 600 on the whole belong to the lower emotional (48:4-7), lower three emotional molecular kinds (48:5-7) are mainly repulsive suffering exists only in the three lower molecular kinds of the physical and emotional worlds (49:5-7; 48:5-7), and then only as bad reaping from bad sowing.

<sup>12</sup>The 49 **atomic** kinds are divided into a continuous series of seven groups of seven atomic kinds in each: 1–7, 8–14, 15–21, 22–28, 29–35, 36–42, 43–49. Globes 2 and 6 are emotional globes (48:1-7) ... as long as mankind is at the stage of hatred (48:4-7).

**CAUSAL-MENTAL**

\*touch with world 48, one emotional atom (48:1) emotional world can be higher emotionality (48:2,3) divided into two “heavens” (48:2,3) and four “hells” (48:4-7)

mathematical notations:  
worlds of man  
47: (1 atomic)  
2 subatomic  
3 superetheric  
47 the causal-mental world  
48: 4 etheric  
5 gaseous  
48 the emotional world  
6 liquid  
49: 7 solid  
7 solid

**EMOTIONAL**

one physical atom (49:1) \*hearing is connected with world 49

The fourth ether holds the key to the mastering of gross physical matter (49:5-7). LA The “atom” of science is the chemical “atom”, the physical etheric molecule (49:4). . When the physical atom (49:1) is “split” (its spiral motion momentarily stopped), 49 emotional atoms (48:1) are obtained. PS2 2.57 The Atom Our globe 4 is a gross physical globe (49:5-7). This last mentioned globe (4) is always the only globe in a 49-globe that is visible to the normal individual.

600 [levels] on the whole belong to the lower emotional (48:4-7) ...innate objective consciousness in the lower two etheric molecular kinds (49:4 and 49:3) The physical etheric world (49:2-4) is the world of etheric energies. There are no elementals in physical molecular matter (49:2-7). They exist, however, in physical atomic matter (49:1)

Consciousness in the lower two molecular kinds (49:6,7 and 48:6,7) belong to the animal kingdom and should have been overcome by man. PS2.44

All the planets enter into the corresponding seven-globe of their respective 49- globes. <sup>1</sup> The matter of the etheric envelope is made up of the four physical etheric kinds (49:1-4): atomic, subatomic, superetheric, and etheric physical matter... physical body proper. <sup>20</sup>The physical etheric world is an exact replica of the visible world (49:5-7) in etheric matter. The material forms of the visible world (the organisms of the natural kingdoms, for example) are replicas of the physical etheric forms.

**PHYSICAL**

Consciousness in the lower two molecular kinds (49:6,7 and 48:6,7) belong to the animal kingdom and should have been overcome by man. It is in the lowest three physical molecular kinds (49:5-7), actually in the very lowest kind (49:7), that the opposition becomes fully clear.

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