

SECTION 5

THE NATURE OF INTELLIGENCE

5.1 *Intelligence: Introduction and Six Definitions*

¹The nature of intelligence will be treated of in the following. By intelligence is meant, in particular, causality and mentality. (LA: CF uses consistently for the concept of intelligence the Sanskrit term *manas*, which from a linguistic point of view is identical with the Latin word *mens*, from which the word *mental* is derived.) Of particular interest in this connection are those causal-mental qualities and faculties which enable the human monad to conquer essentiality (46). (WM 11.10)

²Laurency: Causality-mentality is – like everything else – a particular kind of consciousness, of matter, manifesting itself as a particular kind of force, which can in its turn be divided into 49 different kinds.

³The task of the solar collective being is to develop consciousness and a conscious control within certain set limits.

⁴Intelligence manifests itself as cosmic, solar systemic, planetary, and human.

⁵Intelligence has several definitions: 1) It is the fifth principle, 2) it is electromagnetism, 3) it is that which produces cohesion, 4) it is the key that opens the door into the fifth natural kingdom, 5) it is the synthetic vibration of the five lower rays, 6) it is the intelligent will or purposeful intention of a being.

⁶In the following, the six definitions given above will be explained in detail.

5.2 *Intelligence is the Fifth Principle*

¹*The fifth principle* is the consciousness and vibratory capacity of the fifth world, both cosmic (29–35) and solar systemic (47). This consciousness and vibratory capacity is called intelligence.

²Intelligence is the fifth principle, the basic vibration of the cosmic causal-mental world (29–35). It was impulse from the government of seven solar systems in world 29 that drove our solar systemic being and the other similar collective beings of that group into manifestation (43–49). Correspondingly, it is force from the causal envelope (47:1) that urges the human monad to seek manifestation in the physical world, that is to say: to incarnate.

³The solar systemic causal-mental world (47:2-7) was formed by the solar systemic collective sending forth a definite energy, which by means of particular vibrations in the mental atoms made them form the six molecular kinds (47:2-7). The particular vibrations mentioned arrested the tendency of causal-mental matter to dissipate, and caused it to take spheroidal form and to cohere. Thereupon the deva raja of world 47, Agni, and the devas subordinate to him, were given the task of building aggregates and forms of this atomic and molecular matter, and causing them to cohere.

⁴That cosmic causal-mental consciousness and energy, which is the basis of causal-mental consciousness and energy in the solar system, is the distinctive character of a particular group of solar collective beings in the cosmic causal world (29–31), and is the factor vitalizing them and driving them to manifest themselves through various solar systems (43–49).

⁵Intelligence has been defined as that faculty of logical thought and of rational activity which distinguishes man from the animals. Yet intelligence is something much more than that for it underlies all manifestation in worlds 29–49, so that the lowest natural form and the least discriminative faculty of atoms and cells is actuated by intelligence of some kind. (PhS 2.58)

5.3 *Intelligence is Electromagnetism*

¹The energy aspect of intelligence is fundamentally electromagnetism, which manifests itself not so much in the energies of the 42 molecular kinds as in those of the seven solar systemic atomic kinds (43–49). In the 43-atoms the energy aspect of intelligence is that impulse or vibration which initiates the formation of solar systemic matter and which emanates from world 29.

²In the 44-atoms this intelligence manifests itself as that force which causes forms to cohere. The inherent energy of 44-atoms is united with dynamic energy of 29-atoms, conveyed by 43-atoms, and form appears. Form is the result of the desire for existence, hence dynamic will is transmuted into desire (29→43→44). LA: The magician repeats this on a smaller scale, when by means of causal energies, 47:1, he transmutes 49:1 into 49:2, combines physical atoms into etheric molecules of the highest kind, subatomic molecular kind. Do not forget that 43 is cosmic atomic ether and 44 is cosmic subatomic ether!

³In the submanifestal world (44) and its matter, heat or radiation first appears, form is first taken, and the spheroidal shape as the pattern of all lower manifestation originates. The first interaction between opposite poles comes about, differentiation of motion first appears, so that two kinds of vibration are recognized. In world 44 certain vibratory factors begin to work, such as attraction, repulsion, discriminative rejection, coherent assimilation, and the allied manifestation of revolving forms, orbital motions, and the beginning of that “downward” pull into matter which is a condition of evolution itself. In world 44 are the first seven manifestations of the solar collective being, divided into the three and four, and there they begin their work. In world 44 are the centres of the cosmic etheric envelope of the ruler of the seven solar systems, and there his life activity can be seen.

⁴We are reminded of the fact that all energy expressions in the worlds of the solar system (43–49) are electromagnetic phenomena in the cosmic physical world (EE 4.18). It must also be remembered that the entire manifestation of a solar system consists of the cosmic physical etheric envelope (43–46) and the cosmic gross physical envelope (47–49) of the solar ruler.

⁵The etheric envelope of man manifests electromagnetic energies in three ways: 1) vitality, which makes the form cohere and makes its matter circulate round the principal force centre; 2) radiatory magnetism, which, through attraction and repulsion, causes the matter of the envelope to be constantly exchanged, and which communicates with the envelopes of other individuals; 3) ability of activity and movement in the physical world.

⁶Just as man, through his etheric envelope, manifests vitality, radiation, and activity in world 49, so the solar systemic being manifests vitality, radiation, and activity in worlds 43–49. Vitality makes the envelope cohere around an original centre of force. Radiatory magnetism is what makes one individual distinct from others and activates him both as regards the matter of the envelopes and as regards other individuals. The activity referred to is that which enables the indwelling self to realize his will and desire expediently.

⁷These three electromagnetic manifestations are to be seen at work in a solar being, a planetary being, and a human being as the physical manifestations of the consciousness expressions called will, wisdom, and activity.

⁸The higher three solar systemic worlds, 43–45, are the fundamental manifestation and the basis from whence emanate the lower four worlds, 46–49, just as the higher three ethers, 49:1–3, are the basis from which the lowest ether (49:4) and gross physical matter (49:5–7) emanate. The higher three are also particular expressions of the three aspects – 1 = motion, 2 = consciousness, 3 = matter – and the three kinds of collective beings, each of whom is a particular manifestation of an aspect, that is to say: 1 = guardians of law, 2 = guides of evolution, 3 = formers of matter. In ancient Indian esoterics, these three kinds of collective beings were called Shiva (Mahādeva), Vishnu, and Brahmā. These three have their lowest manifestation in the higher three physical ethers (49:1–3). The lower four, 4–7, appear during manifesta-

tion, but are eventually synthesized into the higher three. (PhS 2.52.1)

⁹Electromagnetism in the worlds of the solar system manifests itself principally as:

43 will emanating from world 29

44 formative power, the cohesive power of forms

45 purpose

46 colour.

¹⁰In each world of the solar system (43, 44, 45, etc.) there occur, on a smaller scale, with the atomic kind (1) and the molecular kinds (2-7), processes that parallel those of the solar system as a whole (43 and 44–49). This is obvious in the causal-mental world in connection with man, because in the matter of the causal envelope (47:1-3) happens the most important synthesization of qualities and abilities. LA comments: By synthesization of qualities and abilities is meant the preservation of such elements of lower (mental, emotional, and physical) qualities and abilities as are useful and expedient for the further consciousness expansion, whereupon the lower is disposed with, that is to say: the envelopes in question are first emptied of their content and then eliminated altogether. This work of synthesization by man entails, from the energy aspect, the balancing of three kinds of electromagnetism (LA: triune forces!). (WofM 7.6)

¹¹In the other worlds the work of synthesis is not so obvious.

¹²The synthesis just mentioned of man's all expedient qualities, abilities, and experiences, which is effected in his causal envelope (47:1-3), has its counterpart, where the planetary being is concerned, in 44:1-3. A preparatory work of synthesis is done by the planetary being in 45:1, 46:1, and 47:1, just as the first self does a preparatory work of synthesis in the first triad mental molecule, 47:4. LA adds: The worlds mentioned, 45–47, are the largest and most important worlds in our current solar system, just as worlds 48 and 49 were in the previous solar system, and 43 and 44 will be the largest and most important worlds in the future, third solar system. Of course, "largest" in the sense of spatial extension has reference only to the spheres of the molecular worlds, not to the atomic worlds existing everywhere in the cosmos.

¹³The synthesis in 43:1-3 is made by the solar collective being and by the three beings of which it consists. Moreover, the solar collective being makes syntheses in the cosmic worlds.

¹⁴During the evolutionary process, units of different polarity seek union, balance, equilibrium, or synthesis, and eventually find it. The electromagnetic interaction of two opposite poles (LA: through the participation of a third, balancing force) generates light and thereby matter. During evolution this generative work manifests itself as heat and electromagnetic interaction, and is the source of all vital growth. As the goal is achieved, two things occur: 1) The poles are united, and their union produces light and heat. 2) The heat generated brings about obscuration, or disintegration of form, whereupon the enclosed evolutionary monad can pass to a higher form than the one it had as its envelope hitherto. (PhS 3.2.12, EE 3.22)

¹⁵The fourth initiation is an example of this entire process. At the fourth initiation the light generated irradiates the causal envelope, lighting up the entire sutratma, which connects the causal envelope with the physical brain. LA: Note this! The sutratma connects the causal envelope not only with the physical heart, but with the brain as well, because in the brain are found the higher counterparts of all the six lower principal etheric centres.) As this happens the causal envelope is disintegrated, and the monad enters the second triad. (WofM 11.11)

¹⁶In the 45-atoms intelligence shows itself in intelligent purpose. This faculty has also been called active will. (KofR 1.35.16, WofM 12.2.2, 12.3)

¹⁷All solar systemic manifestation emanates, and is energized, from the cosmic causal-mental world (29–35). (PhS 2.58)

¹⁸The solar ruler manifests himself as a trinity like man does: man's first triad mental molecule manifesting the will aspect; the emotional atom, the consciousness aspect ("wisdom"); and the physical atom, the matter aspect ("activity"); corresponding to Shiva (32), Vishnu (36), and Brahmā (43). The solar ruler, active in his cosmic causal envelope (29–31),

enclosing three collective beings, has as his lower counterpart the human monad in its causal envelope with the enclosed first triad. Always must the analogy be held between the threefold solar being and threefold man. Man is a unit, the monad being active in the causal envelope, functioning through the three units of his first triad, which each is the particular expression of one of the three aspects of reality: the mental molecule – the will aspect, the emotional atom – the consciousness aspect, the physical atom – the matter aspect.

¹⁹Conscious beings, whether the threefold solar collective being or its downscaled counterpart, man, shapes matter into form by intelligently and purposefully using mental consciousness and its energy; the solar being using cosmic mentality (32–35), man using systemic mentality (47:4–7). In both cases it is a manifestation of will, wisdom, and activity, the manifestation of mentality through the three aspects.

²⁰It is hardly possible to enumerate all those different triplicities of will and matter united by intelligence which exist in the solar system. Intelligence is the main quality of the solar ruler and manifests itself as will, as wisdom, and as activity. The reason for this manifestation is a work which the government of seven suns accomplished so long ago that not even the solar ruler remembers them.

²¹The developed principle of intelligence is the intelligent purpose that is bringing about the final dissolution of molecular matter and transformation into atomic matter in each one of the seven solar systemic worlds (43–49). It will eventually bring about the dissolution of atomic matter 44–49 into manifestal matter (LA: 43-matter; this process is called manifestalization), so that the atomic worlds 43–49 are made a unity brought under the complete control of the solar ruler. (PhS 2.49.3)

²²All form in the solar system, the cosmic physical world, is basically a differentiation or effect of impulse emanating from the cosmic causal-mental world. Man repeats the process on his tiny scale, is active only in the three lowest worlds (LA: though purposefully only in the lowest, the physical), and thinks thoughts to which he gives physical shapes.

²³All physical phenomena are originally electromagnetic, and are caused by vibrations in the physical atoms, 49:1. Physical light uses as a medium the subatomic molecular kind, 49:2. Sound functions through the superether, 49:3. Colour is allied to the fourth ether, 49:4.

²⁴As in manifestation sound precedes colour, so in the development of the human physical senses hearing preceded sight. (EE 3.13)

²⁵An interesting analogy may here be noted between the fourth cosmic ether (46) and the fourth solar systemic ether (49:4). Simultaneously as the lowest ether (49:4) is now being investigated by scientists, world 46 is gradually becoming known to those advanced beings who are individually able to cognize their place in the planetary collective being. The energies of world 46 are beginning to make themselves felt in the causal envelopes of men simultaneously as the energies of fourth ether, 49:4, are starting to be utilized by man for mechanical purposes, for transportation, for illumination, and for healing. These four domains of utilization of etheric energy are actually the working out in the physical world of the corresponding utilization of essential (46) electromagnetic force. (EE 4.21)

²⁶The term “colour” used here for electromagnetic 46-energy is also to be understood in its original and basic sense as “that which veils”. (LA: The Latin word *color* is derived from *celo*, meaning “I hide” or “I veil”. The same idea appears in the Sanskrit word for colour, *varṇa*, from the root *vr̥*, “hide, veil”.) That which “colour”, 46-matter, hides or veils is the sevenfold differentiation of solar systemic manifestation.

²⁷Another correspondence between the fourth cosmic ether (46) and the fourth solar systemic ether (49:4) lies in the fact that they are both primarily spheres of activity of the “greater builders”, those devas who build the envelopes of collective beings in etheric matter. The gross physical (cosmic, 47–49, and solar systemic, 49:5–7) envelopes are not so much the result of their work as it is the result of the further condensation of the energies these devas primary

work with.

²⁸The congestion of etheric energy into gross physical is actually the result of the activity displayed by negative involutionary atoms before they have been vitalized through the presence of sufficiently many positive evolutionary atoms.

²⁹In involution the negative atoms preponderate, in evolution the positive atoms preponderate. In the elementals the negative atoms are so numerous and the positive atoms so few that the latter only serve to keep the form coherent. The knowledge of the exact percentages is a secret communicated only at initiation.

³⁰In evolution the negative atoms are vitalized through energies from worlds 29–35, so that these atoms either dissipate back into the central reservoir or merge with positive atoms. This results in synthesis, homogeneity, and the rarity instead of the density of matter. The fourth cosmic ether, world 46, is also the world into which the lower three worlds (47–49) are finally absorbed. That grosser matter is rarefied simply means that at the close of the evolutionary process it will have been transmuted and be non-existent from the viewpoint of the lower. All that will be left will be the positive atoms, or certain vortices of force, which have absorbed the negative atoms. These vortices will be distinguished by intense vibratory activity, by the predominance of one certain colour according to the quality of the energies they display and their source, and by repulsion to all bodies of similar vibratory rate and polarity. At the end of evolution their attractive force will cease owing to the fact that nothing remains to be attracted.

³¹In each 49-globe there are during manifestation at first seven centres, seven seven-globes (chains). Later, during the period of obscurity, at first only three seven-globes will remain, and eventually only one will be left. In man a similar procedure can be seen in connection with his seven centres during the process of initiation. (LA: It is important to understand that “man” here means not the monad not only in the fourth natural kingdom but also in the fifth and sixth natural kingdoms. The final stages of that process of synthesization of the centres here described is passed only in the sixth natural kingdom, or the first divine kingdom, and thus not in the human kingdom. “Man” consequently means here evolutionary monad of the humana evolution and from the fourth natural kingdom up.) First there are seven great centres. Initiations entail the absorption of the lower four by the higher three through electromagnetic interaction. Finally, only the crown centre is left, the centre that is positive to all the others. (EE 9.5)

³²In the etheric envelope the sacral centre is the negative pole to the throat centre as the positive pole, as the solar plexus centre is the negative pole to the heart centre as the positive pole. Otherwise the question of the polarity of the centres is difficult, since polarity varies according to the ray types and stages of the evolution. For instance, at a lower stage of evolution, the basal centre is positive to all the others, including the crown centre.

³³As the envelope centres of man also the 49-globes are of different polarity. Certain of the 49-globes are positive and others negative; three are both negative and positive. The same can be said of a solar system, and even the atomic worlds. The Earth 49-globe is at present positive based on the kind of incarnation our particular planetary being is undergoing. As the human monad undergoes male and female incarnations, something similar applies for the planetary being, the difference being that in the latter case it is not a matter of sex but of electric polarity.

³⁴Venus is negatively polarized, and hence it became possible for the Earth 49-globe to absorb force from the Venus 49-globe. The two planetary collectives had an old debt of reaping to settle, which could be done when they were of different polarity. The two planetary beings collaborated in 46-matter, the opposite poles became electrically connected with each other, and the result was the light of intelligence was lit in many great groups of mankind.

³⁵In mankind the mental principle, the fifth principle, is beginning to function. Therefore, increasing numbers of men can be self-conscious in 47:5. However, this sporadic self-consciousness in 47:5, is not sufficiently strong as yet to do more than receive the electro-magnetic force flowing down from the next higher molecular kind, 47:4. Still the causal and mental

envelopes are little more than channels for 46-energies flowing down into the etheric envelope. (LA: Human self-active consciousness in 47:4, etc. thus is still rare.) It must be borne in mind that each molecular kind within an atomic kind is of the same polarity as the corresponding atomic kind. An example will clarify what is meant here: World 46 is positive to world 48 as negative, which thus means that 48:4 is positive to 48:6 as negative (LA: of course this also means that 46:4 is positive to 46:6 as negative, and 47:4 is positive to 47:6 as negative).

³⁶When man knows the polarity of the different solar systemic worlds, when he comprehends the polarity of the molecular kinds, and when he grasps the interaction between them and the corresponding cosmic worlds (LA: for instance the correspondence between 46, 49:4, and 22–28), then he will be free, but not before. When man comprehends the polarity of the ethers to each other and their relationship to the whole, human evolution will have run its course.

³⁷An esoteric master, a 45-self, has solved this problem where the lowest three worlds are concerned. He wields control of the atomic energies of these worlds (47:1, 48:1, and 49:1), and therefore he is free of them.

³⁸In considering this abstruse matter of the different polarities of energy centres it may help to recollect that the first triad (the human monad functions through this) is positive, whereas its envelopes are negative, that the first triad is the positive pole that draws and holds to it envelope atoms and molecules of the opposite polarity. The first triads are negative to the second and third triads (the latter making up the planetary collective being) as positive. The second and third triads, in their turn, are negative to the fourth triads (32, 36, 43), which collectively make up the planetary and solar systemic governments.

³⁹Also the meaning of life in the human kingdom can be described in terms of energy. When the human monad has “merged and blended the two poles, and produced light of a definite magnitude” (LA: the second triad with Augoeides being the positive pole, the first triad being the negative pole, and the union being produced, as always, through the introduction of a third force, which in this case is self-consciousness in the causal envelope in conscious contact with Augoeides – a self-consciousness that in esoteric symbolism is called “light”), then obscuration takes place. The electrical manifestation burns up and destroys its material basis, and physical death ensues. The magnitude of light to be produced in each incarnation is settled by Augoeides in consultation with the human monad.

⁴⁰All manifestation in the higher four worlds of the solar system (43–46) are electromagnetic phenomena, for they are phenomena in the four cosmic ethers, the matter forming the cosmic etheric envelopes of the planetary rulers in exactly the same sense as the four physical ethers of the solar system (49:1-4) are the matter forming the etheric envelope of a man. Correspondingly, the lower three worlds of the solar system (47–49), the worlds where man’s consciousness development takes place, are cosmic gross physical kinds of matter, the matter forming the organisms of the planetary rulers.

⁴¹Causal groups and planetary collective beings are formed through the merging of human groups and deva groups. (For causal groups, see KofL2 5.3.2, 5.4.2-4, 7.17.1-5.)

⁴²When the four physical ethers become more generally known, and so their vibratory action, composition, light-bearing capacity, and other utilizations become more generally realized, then more knowledge about the higher four systemic worlds, the cosmic ethers (43–46), will also be available to mankind. However, much knowledge about 43–46 can be deduced from the already known facts about the solar systemic physical ethers.

⁴³For instance, the contemplation of some such facts about the fourth ether (49:4) can afford a certain understanding of world 46, its kinds of consciousness and of energy. These facts are given below in brevity.

⁴⁴The fourth ether is now being “discovered” by mankind. It is the ether which the seventh ray uses as a medium. It is the ether of which the majority of the etheric envelopes of men are made. It is the ether where the “devas of the shadows”, those violet devas which are closely

concerned with the physical evolution of man, have their principal influence. It is the ether where, in the future, the human and the deva evolutions will touch. From the fourth ether the organisms are created. In the fourth ether occurs causalization in physical respect; only when the animal monad about to causalize is fully conscious in 49:4, is it possible to coordinate the physical, emotional, and mental consciousness of the monad so that the animal is able to causalize. The fourth ether has to be completely mastered and controlled by mankind in this eon; every human individual has to attain this mastery before the end of this eon. The fourth eon is the sphere where the first two initiations (the “initiations on the threshold”) are undergone, and the five initiations undergone in the physical world are entered upon.

⁴⁵The essential world, both the cosmic (22–28) and the systemic (46), is the great meeting-ground. Groups of different kinds meet there, not to form one single unity, but group communities. This is owing to the fact that world 46 is the world most concerned with the expansion of the planetary collective beings.

⁴⁶What has been said about the fourth solar systemic ether (49:4) can be extended to the fourth cosmic ether (46) as well, for instance, as regards the violet colour. The violet colour marks the end of a cycle and the beginning of a new one. World 46 is peculiarly the world of violet, and the seventh ray has a special relationship to world 46.

⁴⁷It must be borne in mind that while all the rays, and therefore all the colours, exist in all the worlds, yet each planetary ruler works primarily in one of the seven solar systemic worlds (43–49). From this we can infer that the planetary ruler’s influence finds its line of least resistance in some one world, even though it be exerted in all the seven worlds.

⁴⁸Just as the majority of human etheric envelopes are built of 49:4 matter, four of the seven planetary collective beings have their etheric envelopes composed of the fourth cosmic ether, essential (46) matter.

⁴⁹The human evolution and the deva evolution find their group unity in world 46, in such a manner that groups made up of both human and deva monads are formed there. Earlier, at certain fixed points, they temporarily approximated each other. In world 46, however, definite and permanent alliance may be seen.

⁵⁰In world 46 exist the “devas of the shadows” who build the 49-globe, being the counterparts, in this higher world, of those “devas of the shadows” who build the etheric envelope of man.

⁵¹Analogies between lower and higher, such as the one just mentioned regarding the “devas of the shadows” in 46 and 49:4, are more relevant for the consciousness aspect than for the matter aspect.

⁵²As time elapses the work of the planetary collective beings in the cosmic etheric globes will be better comprehended by those lesser intelligences who by the study of the physical ethers will eventually hold the key to the understanding of the greater manifestation, and so will be able to assist it intelligently. It is those vaster intelligences who manipulate the matter of the higher worlds, and control it by their law-abiding will, and so automatically compel the innumerable lesser beings to go into and out of manifestation, into forms and out of them.

⁵³The process of making forms down through the worlds can be described as follows: Vibration or initial activity in world 43, light or the activity of making form and vitalizing form in world 44, sound or the basis of differentiation and the source of the evolutionary process in world 45, and colour or the sevenfold differentiation in world 46.

⁵⁴Every solar systemic world can be studied and divided in two ways: According to the first division, the seven kinds of matter, the atomic world and the six molecular worlds, can be divided into three higher and four lower. Of old the higher three are called “abstract”; and the lower four, “concrete”; for example, 47:1-3, the causal is called the “abstract mental”; and 47:4-7, the “concrete mental”, although in reality 47:6 already is abstract thought. The higher three make up a triune force: 1 = the “self” (the highest kind of consciousness that self-con-

sciousness can identify with in world 47), 3 = the “not-self” (the material envelope), and 2 = intelligence connecting the two. In conjunction they create the form in lower matter (4-7). By analogy this can be applied on greater scales, such as the solar system (43–45 and 46–49). Here the relationship of the causal envelope (47:1-3) to the mental envelope (47:4-7) presents the most obvious example, where man is concerned. (KofL3 3.9)

⁵⁵In the second division, the same threefold is used as in the first division, but of the lower fourfold, 4-7, 4 represents the synthesis of efforts made in 7, 6, and 5. This division primarily concerns man. LA adds: The first division demonstrates the manner in which the collective beings work making the forms, from above downwards. The second division concerns the evolutionary work of the human monad from below upwards. The first division may be called “3+4”; the second, “3+1+3”.

⁵⁶Later man will see that both divisions exist in every world in the solar system and have their origin in different manifestations of electromagnetic force, where 1–3 is controlled by the law of synthesis, 4 by the law of attraction, and 5–7 by the law of economy. During evolution the action of these laws is paralleled by that of their opposites, the laws of dispersion, repulsion, and differentiation.

⁵⁷The manifestation of electromagnetism in the seven worlds of the solar system has therefore to be studied in its three main divisions, then in its septenary division according to atomic worlds, and in its 49-fold division according to atomic and molecular kinds. The subject is still further complicated by the factor of time, which brings the 49 atomic and molecular kinds at different stages under different spheres of influence and under the three laws of the cosmos. Thus the same energy at different periods will show itself forth as constructive light, or as disruptive force.

⁵⁸The four fundamental modes of manifestation of intelligence exist in different kinds of beings in higher and lower words. The following applies for that portion of the manifestation of the solar being which concerns the cosmic physical world (43–49) as well as for the collectivity of the 43-selves: 43 = initial vibration, 44 = light, 45 = sound, 46 = colour. For the manifestation of the planetary being as well as for the collectivity of the 44-selves, the following applies: 44 = initial vibration, 45 = light, 46 = sound, 47:1-3 = colour. The following concerns the manifestation of man: 46 = initial vibration, 47:1-3 = light, 48 = sound, 49:1-5 = colour. It should be observed here that the manifestation of the groups of causal envelopes (LA: henceforth called causal groups) in 47:1-3 is the colour manifestation of the planetary collective being (LA: by “colour manifestation” is meant that division into seven departments or rays to which the causal groups are subject), and that this manifestation is the lowest one of this collective being. The cosmic liquid (48) and cosmic solid (49) are “no principles” of the planetary beings, no more than the systemic liquid (49:6) and systemic solid (49:7) are principles of man. (LA: The lowest kinds of matter of the envelopes of individuals and collectives are said not to be principles, which means that they do not have any centres of consciousness and energy, but are secondary formations, automata, that are controlled by centres in the next higher envelope – for instance, the organism is said not to be a principle, since it has no controlling energy of its own but is controlled by centres, chakras, in the the next higher envelope, the etheric envelope.)

⁵⁹Ultimately the law of economy, the law of attraction, and the law of synthesis are manifestations of one and the same cosmic law, the law of being. That law is incomprehensible to human reason. It can only be partially grasped by our reason through the aforesaid three manifestations.

5.4 Intelligence is That Which Produces Cohesion

¹The principle of intelligence is above all else that cohesive something which enables a being – whether solar ruler, planetary ruler, or man – to work: 1) through form; 2) by means of progressive development or cyclic evolution; 3) in certain worlds to gain experience; 4) by the

method of manifestation, which is a gradual growth from a dim and distant dawn to morning, forenoon, midday, afternoon, twilight, and night.

²The above four points are fairly comprehensive, and sum up what is hitherto possible for man in this fourth eon.

³Man regards himself as a synthesized aggregate of physical body (LA: actually only organism, since most people do not know that they have an etheric envelope as well), emotionality, and mentality, yet knows himself as more than these three, and recognizes himself as the utilizer of form, of emotion, and of mentality, holding them all together coherently so that he is a unit.

⁴A planetary collective is a similar threefold, with the difference that not 47, but 46 is the medium whereby this being is a coherent whole; and where a solar systemic collective being is concerned, it is 43. Yet, as both man and the planetary being are parts of the same greater whole, 43-energy permeates them also, merging with 46-energy, and penetrating down into 47. From the standpoint of the solar being these divisions do not exist but are included in the solar systemic unity.

⁵A man is a coherent unit in physical manifestation for very brief periods in the physical world simply because as he works only through 47, and not through 46. A planetary collective being, who works through 46, has longer cycles. The relatively long cycles of the planetary collective are the basis of the comparative permanence of the causal cycles of man. The solar systemic collective persists for the greater solar cycle (LA: the duration of a solar system) because it is based on 43 as well as on 46 and 47. LA: Compare the average individual life-time in the etheric races, 30 000 years, with the average individual life-time in the organic races – an analogy with cosmic etheric individuals, that is: 46-selves, etc., who have joined collective beings, and cosmic organic individuals, that is: causal selves and lower selves, who are individual selves.

⁶Therefore, it will be apparent that 47 is the basis of the separative manifestation of man, 46 is the basis of the group manifestation of the planetary collective, and 43 is the basis of the manifestation of the solar systemic collective, which synthesizes all groups. LA comments: “Basis” as that idea is explained in the Vedas, that is to say: that foundation, existing in a higher world, from which lower beings emanate at the beginning of manifestation and to which they return at the end of manifestation. See, for instance, *Chāndogya Upanishad*, I.9.1.

⁷Therefore, intelligence is that which man is developing and with which he is learning to work, which is his waking conscious and next superconscious, whereas to the planetary collective beings (the collectives of the second and third selves) it is that which they developed in past cycles and seven-globes and which is now their automatized subconscious.

5.5 Intelligence is the Key to the Fifth Natural Kingdom

¹Intelligence can also be defined as the key to the door leading into the fifth natural kingdom. Each of the five natural kingdoms is entered by a door, and each such door has a key. The keys to the mineral and vegetable kingdoms are incomprehensible to man at his present stage of intelligent apprehension.

²The key opening the door to the animal kingdom is instinct. As the monads, at the end of their sojourn in the animal kingdom, acquire an increasingly better instinct and as this instinct becomes ever more individualized, ever more detached from the group-soul, it becomes transmuted into mentality, into that embryonic reason which was potential in animal-man, and which needed the stimulation of the Augoeides to be awakened into something definitely human.

³The method of causalization used on our globe in the current eon was not the one followed earlier and on other globes. Many of the present advanced human individuals causalized normally, that is: without the aid of the Augoeides, and through the driving force of evolution itself. In these monads, the activity of animal instinct caused the union of the first and second

triads, so that the causal envelope was formed.

⁴Man passes into the fifth natural kingdom by transmuting the intellect, the discriminative faculty, from mentality into causality, into intuition, and from causality into essentiality, love–wisdom. As instinct is the key opening the door into the fourth natural kingdom, so intelligence is the key to the fifth natural kingdom.

5.6 *Intelligence is the Synthesis of Five Lower Rays*

¹Intelligence is the united faculty of the five lower rays, or more exactly formulated: of the four lower rays or departments, synthesized in the third department. On a solar systemic scale this means the four minor planetary beings, synthesized through a fifth in world 45. In the previous solar system of the first order, the corresponding five planetary beings embodied the highest consciousness of the solar systemic collective. These four function through world 46, and have envelopes of 46-matter. Their synthesis means that they merge into the greater being representing the third department and being active in world 45. They are in the worlds of the solar system the totality of the energy of intelligence. They are the life of the five lower worlds. They are traditionally called the five kumaras, or world-builders; another name is the five mind-born sons of Brahmā. Intelligence (Sanskrit: *manas*), therefore, is the psychic effect of their united group work, and shows forth in different ways in the different worlds and molecular kinds. (KofL3 14.1.25, 14.4.2)

²These five departmental energies express themselves particularly in the five lower molecular kinds (3-7) of each world 43–49, a factor that should be remembered especially in connection with the greater initiations of intelligence (LA: the first, second, and third greater planetary initiations are meant here). LA: Of course all the seven departmental energies exist in all worlds and in all molecular kinds. What is meant here is that the energies mentioned manifest themselves with particular strength in the worlds mentioned. Properly speaking world 43 is the abode of the first ray; world 44, of the second ray; world 45, of the third ray, etc. to world 49, for the seventh ray. To facilitate the evolution of the monads in the lower worlds of the solar system, however, the planetary hierarchy has scaled down the rays in our planet, so that the first ray rules especially in 45; the second ray, in world 46; the third, in 47:1-3; the fourth, in 47:4; the fifth, in 47:5-7; the sixth, in 48; and the seventh ray, in 49. See KofL3 14.9.2,3.

³Beside the two divisions of 1–7 mentioned earlier, there is a third one: 1 = the will aspect, 2–4 the consciousness aspect, 5–7 the matter aspect and intelligence.

5.7 *Intelligence is Purposeful Will*

¹Intelligence can be defined also as the intelligent, expedient will of every self-conscious being. In that sense intelligence is a principle of the solar ruler and the planetary rulers, and necessarily therefore exists in all those lower self-conscious beings which are enclosed in the envelopes of these rulers, and is allied especially to their throat and head centres.

²In the solar ruler, the planetary rulers, and man, intelligence is the ability to expediently: use a form or an envelope; build faculty into the causal envelope (LA: the cosmic causal envelope, 29–31, of the solar and planetary rulers; the solar systemic causal envelope, 47:1-3, of man); work up experience into understanding; expand consciousness; make progress towards a specified goal; discriminate between two poles; choose the direction in which their activity shall trend; perfect the form as well as use it; obtain control of matter, and turn its forces into desired aims; coordinate the different kinds of matter and envelopes, so that they express simultaneously the will of the indwelling monad.

³That higher consciousness, which is the result of the development of intelligence, namely second self consciousness, employs causality (47:1) in all that concerns the matter aspect; essentiality (46), in all that relates to the consciousness aspect; and superessentiality (45:4), in all that relates to its own essence, the inmost essence of all, and the self as will.

⁴The distinctive quality of causal consciousness (47:1) is the ability to discriminate between: the self and the not-self; higher and lower (matter, consciousness, and energy); atomic and molecular matter; the different kinds of atomic matter in the solar system; vibrations engendered by will, working through consciousness, and energizing matter; different kinds of form in every kind of existence.

⁵Essential (46:1) consciousness has for its distinctive quality unity, which demonstrates as wisdom working through love and producing unity between all selves, group coherence, essential qualities, and efficient work for consciousness evolution, which is fundamental of hierarchical work.

⁶Superessential (45:4) consciousness employs the will aspect, which has for its distinctive feature that coherent force which keeps the purpose of the being ever in view, working it out through love in material form.

⁷These distinctive qualities of 47:1, 46:1, and 45:4 have been pointed out here as this serves to further clarify the scope, and equally the limitations, of the active mental principle. At the beginning, at the stage of ignorance (the emotional stage), the accumulative side of intelligence, its ability to acquire and store knowledge and information is being developed. The man then gathers facts, learns to apply them, and sets up vibrations which have to be worked out intelligently. Later, at the stage of learning (the mental stage), the discriminative side is being developed. The man then learns not only to choose but to discard, and he begins to merge the two poles intelligently. At the stage of wisdom (the causal stage) he discards even more strictly, and unites the two poles, resulting in the activation of causal consciousness. He then becomes an intelligent creator. By the time the monad becomes a 46-self, it has: developed perfectly consciousness in the lower three atomic worlds (47–49). The monad then has achieved the point of evolution at which the planetary collective being commenced its manifestation in the solar system. The monad then has transmuted intelligence into love–wisdom, causality-mentality into essentiality, synthesized the ray energies 3–7 and is beginning to merge this synthesis into a higher one, that of the second ray.

⁸To sum it all up from the viewpoint of the energy aspect: the energy of the first triad has been perfectly mastered, and the vibratory activity of the monad has been raised to the level where it harmonizes with that of the planetary collective being. Thereby the human monad can function consciously or be active in world 46.

⁹The energy of the second triad has united with the energy of the first triad and has stimulated it to such an extent that it has brought about the liberation of man from the lowest three worlds (47–49). Where these three worlds are concerned, man has gone into obscurity in exactly the same way as the planetary being goes into obscurity when its energies have reached a sufficient strength. The energy of the third triad is finally united with the other two and so doing enables the monad to pass to the cosmic physical atomic world (43:1).

Additional Note to Paragraph 5.4.6

“What is the goal of this world?” He [Pravāhaṇa] replied, “Space, for all these creatures are produced from space. They return back into space. For space is greater than these. Space is the final goal.” *Chāndogya Upanishad*, I.9.1

LA: In this translation by Radhakrishnan, the Sanskrit word *gati* is translated by “goal”. From an etymological point of view, however, *gati* is the same word as the Greek *basis*, whence the English word *base* is derived.

The above text constitutes Section 5 of the book *Cosmic Intelligence and Its Manifestation in the Solar System, in the Planets, and in Man*, Lars Adelskogh’s hylozoic (Pythagorean) paraphrase of, and commentary on, *A Treatise on Cosmic Fire* by Alice A. Bailey and D.K.