ASTROPHYSICS

Point IV. Outer space

Point A. Description of the levels of space

Point 1. A quiescent zone 400,000 light years wide separates the seven superuniverses from the giant outer belt of incredible energy activity

(11:7.7) The relatively quiet zones between the levels of space, such as the zone separating the seven superuniverses from the first outer level of space, are giant ellipses of low cosmic activity. These zones separate the vast galaxies which, in organized order, rapidly revolve around Heaven. You can imagine the first outer level of space, where countless universes are currently forming, as a giant procession of galaxies revolving around Heaven and bounded above and below by calm zones of interstellar space, and on the inner and outer boundaries surrounded by relatively quiet zones.

(11:7.8) Thus the plane of space functions as an elliptical region of motion surrounded on all sides by relative immobility. Such ratios of motion and rest form warped spatial paths of reduced resistance to motion, behind which cosmic force and emergent energy always follow in their eternal rotation around the Isle of Paradise.

(11:7.9) These alternating zones of the universe, together with the alternating clockwise and counterclockwise motion of the galaxies, are a physical gravity stabilization factor designed to prevent gravitational stress from building up to destructive and a scattering magnitude. Such a mechanism exerts an anti-gravity effect and performs the function of a brake, reducing dangerous speeds.

Point 2. The active vast outer space constitutes the domain of the Unconditioned Absolute

(12:2.1) When Urantia astronomers gaze through their ever-helping telescopes into the mysterious expanse of outer space, and there behold the astonishing evolution of almost innumerable physical universes, they should realize that they are looking upon the mighty embodiment of the unattainable designs of The Architects of the Master Universe. Indeed, we have evidence which gives us reason to suppose that in the vast energetic phenomena now characterizing these distant regions is seen the periodic influence of the personalities of Paradise; but in a wider perspective, beyond the limits of the seven superuniverses, space is generally regarded as the domain of the Unconditioned Absolute.

Point 3. Millions of universes are discovered through powerful telescopes

(12:2.2) Although only two or three nebulae are visible to the naked eye of man beyond the boundaries of the Orvonton superuniverse, your telescopes reveal literally millions and millions of these physical universes in the process of formation. Most of the star worlds visible to your modern telescopes are within the confines of Orvonton, but with the help of photographic technology powerful telescopes penetrate far beyond the limits of the great universe into the region of outer space where countless universes are forming. And many millions more universes remain inaccessible to your present instruments.

(12:2.3) In the not too distant future new telescopes will reveal to the astonished gaze of Urantia astronomers no less than 375 million new galaxies in the distant regions of outer space. At the same time, these new, more powerful telescopes will reveal that many galaxies previously thought to be outer space are actually part of the Orvonton galaxy system. The seven superuniverses continue to expand; the periphery of each of them gradually expands; new nebulae become persistent and organized; and some of the nebulae which Urantia astronomers regard as extra-galactic are actually on the border of Orvonton, and rotate with us.

Point B. First level of the outer space

(12:1.14) The Outer Levels of Space. In the distant space, at a great distance from the seven habitable superuniverses, the formation of colossal, incredibly majestic circles takes place, uniting the power and materializing energy. Between the energy circles of the seven superuniverses and this giant outer belt of force activity lies a spatial zone of relative calm, varying in depth to an average of 400,000 light years. In these space zones there is no star dust - space fog. Our investigators of these phenomena find it difficult to determine with precision the status of the spatial forces in this zone of comparative tranquility surrounding the seven superuniverses. But at a distance of about half a million light-years beyond the fringes of the great universe, we observe the beginnings of a zone of incredible energetic activity that, over twenty-five million light-years, is growing in scope and intensity. These giant disks of activating forces are found on the first outer level of space, a continuous belt of cosmic activity surrounding all known, organized, and habitable creation.

Point C. Second level of outer space

Point 1. After the first level of outer space there is an area with even greater energy activity

(12:1.15) Even more significant is the activity beyond the limits of this space, for Uversa physicists have received the first confirmations of force activity more than fifty million light-years away from the most distant phenomena of the first outer level of space. This activity is undoubtedly a sign of the organization of material creations in the second outer spatial level of the main universe.

Point D. The direction of rotation of us-the space
(12:4.15) But the most significant of all distortions is explained by the fact that in the regions bordering the seven superuniverses, the giant universes of outer space apparently rotate opposite to the direction of rotation of the great universe. That is, billions of these nebulae, along with their accompanying suns and spheres, are currently rotating clockwise around the central creation. The seven superuniverses revolve around Heaven in a counterclockwise direction. Apparently, the second outer universe of galaxies, like the seven superuniverses, revolves around Heaven in a counter-clockwise direction. And astronomers believe they have detected signs of rotational motion in a third outer belt of far space beginning to show a clockwise tendency.

Point E. Relationship of the amount of matter in the large universe and in the zones of outer space
(12:3.8) **Point 1.** Researchers have made the startling conclusion that the central universe and its surrounding seven superuniverses currently use less than 5% of the active action of the absolute gravitational range of Heaven. In other words, at the present time about ninety-five percent of the active influence of cosmic gravity on Paradise Island, calculated on the basis of this totality theory, controls the material systems beyond the limits of the currently existing organized universes. All these calculations refer to absolute gravity; linear gravity is manifested by interaction, and its calculation requires knowledge of the actual magnitude of Heaven's gravity.

Point 2. Uversa researchers believe that the energy and mass of the outer and unexplored regions many times exceeds the combined mass of matter and energy charge of all seven superuniverses
(12:2.4) The astronomers of Uversa observe that the great universe is surrounded by the progenitors of numerous stellar and planetary clusters in the form of concentric rings, consisting of a vast multitude of outer space universes and surrounding on all sides the existing now inhabited creation. According to the estimates of Uversa physicists, the energy and mass of these outer and unexplored regions already many times exceeds the combined material mass and energy charge of the seven superuniverses. We know that the metamorphosis of cosmic power in these outer spaces refers to the functions of the Paradise Power Organizers. We also know that the forces in question are emanating from those physical energies that currently activate the greater universe. But the Orwonton Energy Rulers have no relation to these distant worlds, and the energy movements of these spheres are not perceptibly related to the energy circuits of organized and inhabited creation.

Point F. Information on Outer Levels of Space

Point 1. The realm of outer space lies beyond the authority and direction of the superuniverse governments
(12:2.5) We know very little of the significance of these extraordinary phenomena of outer space. The great creation of the future is in the process of being formed. We are able to appreciate its grandeur, see its length, and feel its majestic dimensions, but beyond that we know no more about these regions than the astronomers of Urantia. As far as we know, no angels or other spiritual beings inhabit this outer ring of nebulae, suns, and planets. These distant regions lie beyond the limits of authority and direction of the governments of the superuniverses.

(12:3.9) **Point 2.** Practically all the observable spiritual gravity of the Eternal Son, calculated on the basis of this aggregate, is manifested in the grand universe.
(12:3.10) **Point 3.** The researchers conclude that about eighty-five percent of the response to the intellectual attraction of the Co-Doer occurs in the existing grand universe. This allows one to assume that observable physical processes in the worlds of outer space are related to intellectual activity.

Point 4. Single Ambassadors

Point a. The Single Ambassadors.
(23:2.19) When the reserve corps of One Ambassadors is overfilled, one of the Seven Supreme Energy Controllers calls for a group of volunteer researchers. Such are always plentiful, as ambassadors happily venture out as free and untroubled explorers to experience the thrill of discovering the nascent centers of new worlds and universes.

Point b. The Single Ambassadors – experts in finding planets with the best conditions for implanting life.
(23:2.20) They set out to investigate the data provided by the world's space gazers. The Heaven Deities undoubtedly know of the existence of these undisclosed energy systems, but they never divulge such information. If it were not for the Single Messengers who explore and map these recently formed energy centers, such

phenomena would have long gone unnoticed even by the intelligent beings of the neighboring worlds. As a class, Single Envoys are incredibly sensitive to gravity; for this, they sometimes manage to detect the possible presence of very small dark planets - those, the very worlds that are best adapted for experiments with life.

Point c. They are observers of space
(23:2.21) These free explorer ambassadors are the patrols of the universe. They constantly make research expeditions into the unexplored regions of outer space. Much of what we know of the processes taking place in the worlds of outer space we owe to the Single Messengers, for they often co-operate with the celestial astronomers.

Point d. Single ambassadors are capable of running emergency communication lines
(23:3.5) Single Messengers are capable of extending lines of emergency communication to distant regions of space in worlds not covered by the established circuits of the great universe. They are made at the expense of the fact that in such cases one messenger can send a message or a spatial impulse to another at a distance of about a hundred light-years, if we define interstellar distances as Urantia astronomers do.

Point e. The Architects of the Universe
(31:9.1) The Architects of the Universe exist on seven absonite levels:

(31:9.3) **1.** The senior or first of the arising Architects operates on this higher absonite level of Heaven.
(31:9.4) **2.** Three chief architects govern the ni-vata of Havona
(31:9.5) **3.** Seven architects govern the seven superuniverses
(31:9.6) **4.** Seventy architects govern the primary level of space
(31:9.7) **5.** 490 architects govern the secondary level of space
(31:9.8) **6.** 3,430 architects design the tertiary level of space
(31:9.9) **7.** 24,010 architects design the fourth level of space

Point f. All our knowledge points to the existence of a practically limitless, yet finite universe
(42:1.9) All this confirms our belief in the circular, in some ways limited, but orderly and vast universe of universes. If this were not the case, sooner or later the first signs of a decrease in the amount of energy would appear. All laws, organizations, government, and the testimony of the explorers of the universe all point to the existence of an infinite God, but as yet a finite universe, a circularity of infinite existence that is virtually limitless, yet finite in comparison to infinity.