

# *The Creation of the Heavens and the Earth*

## *The Connected Nebular Universe Hypothesis – The Counterpart to the Big Bang Theory*

To watch a video explaining in detail the origin of the universe according to the Connected Cosmic Nebula hypothesis, [click here](#): 

"Do the disbelievers not see that the heavens and the earth were a joined entity, and We separated them..." (Quran 21:30)

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خَلْقُ السَّمَاوَاتِ وَالْأَرْضِ: فَرضِيَّةُ الكونِ السَّديميِّ المُتَّصِلِ

In the beginning, there was the Primordial Matter. It was the foundation of creation, the smallest of God's creations that we know of and that we do not know of. This Primordial Matter filled the entire vast universe, making it appear as a dense, homogeneous, and seamless fabric – similar to a plasma or a primal substance. With and within it, the universe was a connected, continuous nebula (a Ratq), with no gaps or separations in its substance.

Within this immense, infinite nebula, existence would condense, and stars and planets would be born. From its substance, all of God's creations would emerge, without exception – great or small. From its substance, the Sun and its light, the Moon and its orbit, and even humans and their actions would come to be. This cosmic nebula is the origin and foundation for the existence of universes and all components alike. See figure (1).



**Figure (1): The Connected Cosmic Nebula**

*In the beginning was the Primordial Matter. It is the smallest of God's creations, from what we know and from what we do not know. The Primordial Matter filled the universe in all its vastness. Through it, the universe became a dense, homogeneous fog with boundless expanse. Through it, the universe became a connected nebula – with no gaps nor separations.*

*This cosmic nebula is what would later give rise to all celestial bodies, regardless of their classifications. It would also form the foundation for the existence of all God's creations – without exception. Some of these creations are ones whose existence and details we have already come to know. Others are those whose existence will be revealed to us later.*

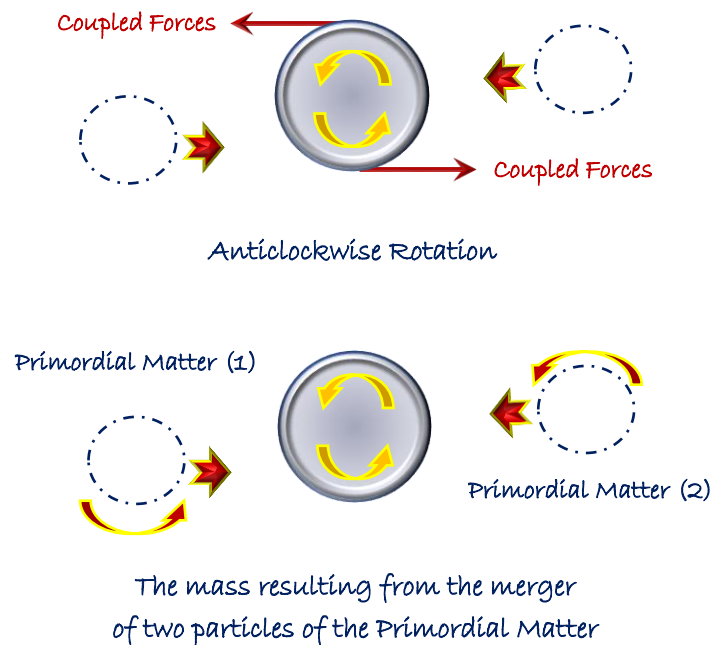
*However, the overwhelming majority of them will remain hidden from us as long as we humans live.*

## ***The Spherical Shape of Celestial Bodies and Their Rotation***

*The Primordial Matter was in perpetual motion within this cosmic plasma. Then, an event occurred: two or more of its particles coalesced into a single mass. From the kinetic energy of the merging matter, two opposing forces emerged – equal in magnitude and diagonally opposed. This pair of **Coupled Forces** set the nascent mass into rotation counterclockwise.*

*Alternatively, it is possible that the Primordial Matter was inherently in rotational motion around its own axis, counterclockwise from the start. Thus, it was natural*

for the merged mass to continue rotating in the same direction – a view I personally favor. Regardless of the cause, this rotational motion is what grants celestial bodies their distinctive spherical form. See figure (2).



**Figure (2)**  
***The Sphericity of Celestial Bodies and Their Rotation Around Themselves***

To explain the rotation and sphericity of celestial bodies, I propose one of the following two hypotheses:

***The First Hypothesis:*** The collision and subsequent merging of two particles of the Primordial Matter generated a pair of Coupled Forces. This pair of forces acted to rotate the mass around its axis. It so happened that the direction of rotation was counterclockwise (Anticlockwise Rotation).

***The Second Hypothesis (Which I Favor):*** The Primordial Matter was inherently rotating around its own axis in a direction counterclockwise to the movement of a clock's hands. Therefore, it was not coincidental, but rather inevitable, for the resulting mass from the merging of these particles to rotate in the same direction.

*The nascent mass, formed from the gathering of Primordial Matter, possessed a gravitational force greater than the inertia of the matter in its immediate vicinity. The surrounding matter was drawn into the larger mass, causing it to grow further. A larger mass equates to a greater gravitational force, leading to the accumulation of even more matter. Over time, the mass grew into the core of a celestial body. See figure (3).*



**Figure (3)**  
***The Birth of Celestial Bodies***

*The Primordial Matter coalesces into masses that form the fundamental cores of all celestial bodies. Due to the emerging gravitational force, these nascent masses absorb more Primordial Matter from their immediate vicinity. Consequently, their size increases, and along with it, the reach of their gravitational pull expands. The result is the incorporation of more Primordial Matter into these masses, this time from regions farther away than before.*

*Gradually, the size grows, and the celestial bodies complete their formation. The final sizes vary depending on the amount of Primordial Matter available within the effective range of each body's gravity.*

*This appears to be related to the age of the celestial body itself, on one hand, and its proximity to other, older and larger celestial bodies, on the other. The older bodies sweep up the Primordial Matter before the newer ones can access it.*

*Thus, the latter remain small, potentially becoming dependent on or even orbiting their older, and necessarily larger, neighbors.*

## The Sweeping Orbs

This process repeated across time and space, leading to the formation of all celestial bodies of various names and sizes. These bodies, in their relentless pursuit of mass and size, swept up the Primordial Matter from their surrounding space. They collected matter wherever their gravitational reach extended along their orbit.

A celestial body's gravitational radius defines its own domain. Its orbital motion carves out its unique Functional Space – the region it cleanses of Primordial Matter as it travels. See figure (4).

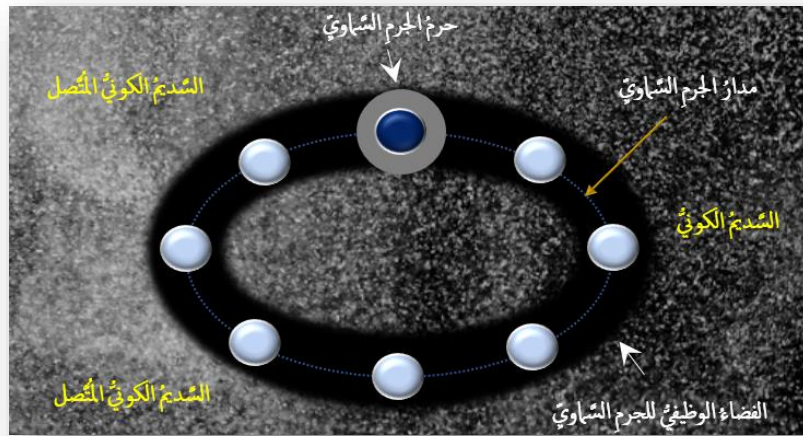


Figure (4)  
Sweeping Orbs & Functional Space

### Important Note:

The Cosmic Nebula = السديم الكوني - The celestial body = الجرم السماوي  
The Functional Space = الفضاء الوظيفي - The celestial body's domain = حرم الجرم السماوي  
The celestial body's Orbit = مدار الجرم السماوي

During the formation phase, the celestial body captures all the Primordial Matter within the effective range of its mass's gravity. The space surrounding the body is thus emptied of its matter, becoming void or nearly so. The gravitational radius defines the celestial body's own domain. Due to its orbital motion, the celestial body and its domain move from one point to another along its orbit. As it moves along this path, it sweeps up all available Primordial Matter within the reach of its gravity.

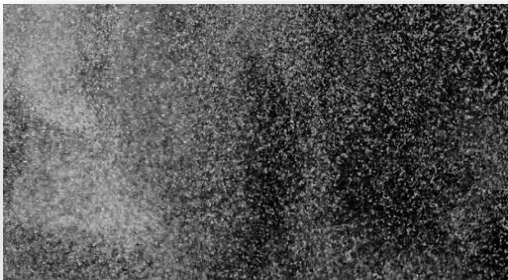
*The region delineated by the celestial body's domain throughout its orbit is what I term its Functional Space.*

### ***The Separated Seamless Whole (Al-Ratq Al-Maftooq)***

*Thus, at the beginning of creation, the universe was a single, connected entity – a Ratq. The particles of Primordial Matter were closely packed, shoulder to shoulder. It was a seamless fabric, where distances were lost in the abyss of its darkness and time was overwhelmed by its awe.*

*Then, it happened that some of the Primordial Matter coalesced into a distinct mass. The gravity of this nascent mass overcame the inertia of the nearby particles, drawing them in. As new arrivals accumulated, the mass grew in size and power, its gravitational reach extending further into the cosmic nebula. Over time, the mass grew into a full-fledged celestial body.*

*Imagine this event repeating billions of times, with each event taking a bite out of the substance of the cosmic nebula. Undoubtedly, you would find the seamless fabric of the universe now full of separated holes (Fataq). Each separation corresponded to a star or a wandering planet that consumed its share from the substance of the universal mother and moved on. See figure (5).*



***Figure (5): The Separated Seamless Whole***

*The Universe at the Beginning of Creation*

*The Universe Currently*

*It was the Connected Cosmic Nebula,  
where Primordial Matter was closely packed,  
shoulder to shoulder, in a seamless fabric  
resembling a plasma or a primal substance. Here,  
interstitial distances are absent,  
and dimensions disappear.*

*Celestial bodies are separated by vast,  
empty space. The interstitial spaces are devoid  
of any trace of matter, or nearly so.  
Here, the components have absorbed almost  
all of the Primordial Matter.*

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