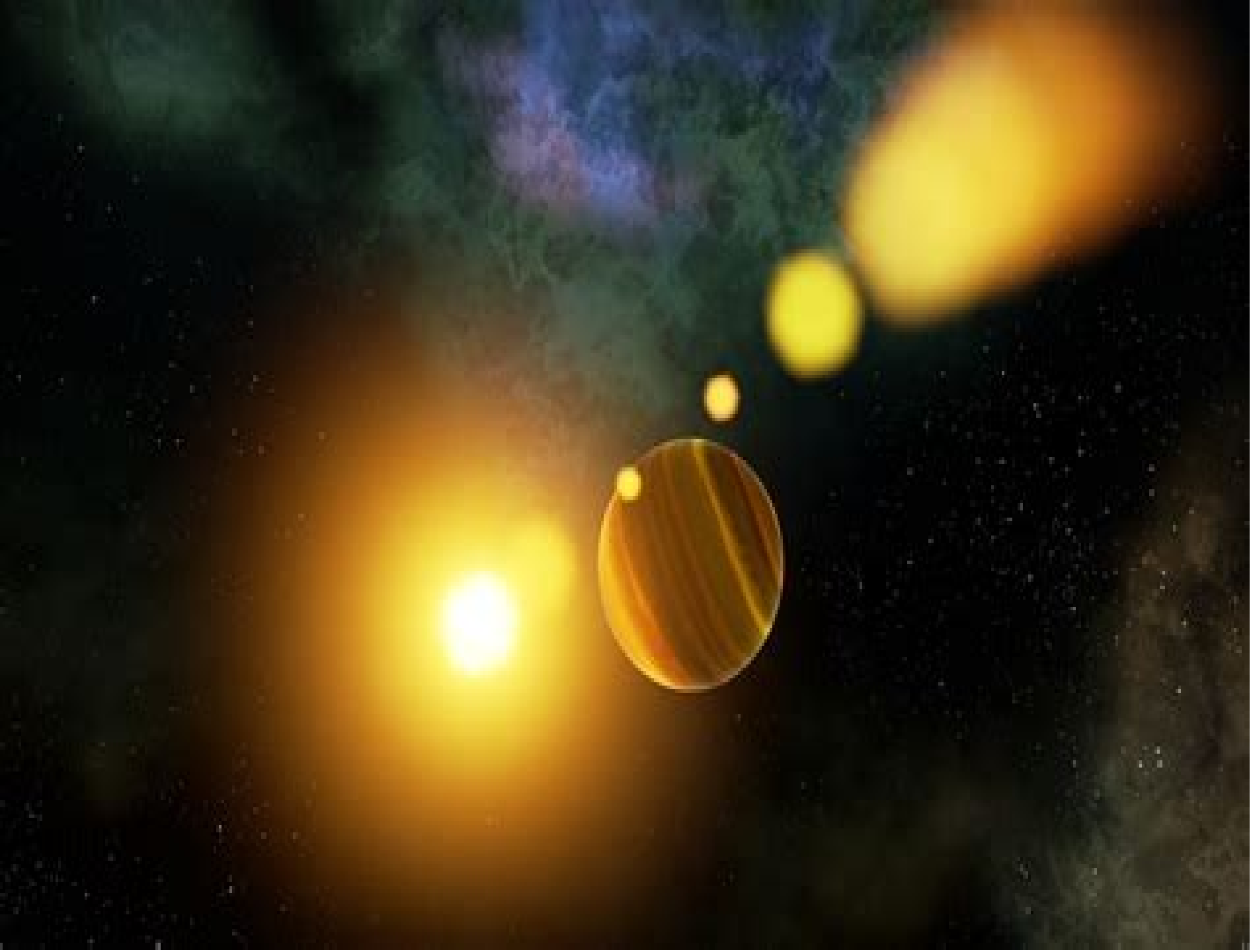




The Dynamic Universe

Snow

A horizontal light blue bar with a rounded right end, followed by a red circular glow.

The Dynamic Universe:

Essentials of the Dynamic Universe Snow, Theodore P. Snow, 1993

The Dynamic Universe Tuomo Suntola, 1996

The Dynamic Universe Tuomo Suntola, 2011-04-11 The Dynamic Universe theory is a holistic approach to the universe and interactions in space. The energy structure of space is described as a system of nested energy frames starting from hypothetical homogeneous space as the universal frame of reference to all local frames in space. In DU space everything is interconnected; the energy available for running a physical process on the Earth is not only affected by the local motion and gravitation but also the motion and gravitational state of the Earth in its parent frames. Relativity in Dynamic Universe theory is primarily the relativity of the local to the whole rather than relativity between the observer and an object. The whole is not composed as a sum of elementary units but the multiplicity of elementary units emerges as diversification of the whole. There are no independent objects in space; everything is linked to the rest of space and thereby to each other. Although the Dynamic Universe theory means a full replacement of special and general relativity, it had not been found without relativity theory. All key elements in the DU can be found in special and general relativity once we replace the time-like fourth dimension with the fourth dimension of a metric nature and adopt a holistic perspective to space as the whole. In the DU space is postulated as a three-dimensional structure closed through a fourth dimension like the 3-dimensional surface of a 4-dimensional sphere following Einstein's original view of the cosmological structure of space in general relativity. Unlike the time-like fourth dimension of the relativity theory, the metric fourth dimension of the DU, the direction of the 4-radius of the structure allows contraction and expansion of space like a spherical pendulum in the fourth dimension. Spherically closed space does not need an energizing quantum jump or Big Bang; space has gained its energy of motion against the release of its gravitational energy in a contraction phase and pays it back to gravitational energy in the ongoing expansion phase. As observers in space we observe the energy of motion of space in the fourth dimension as the rest energy of matter. Any motion in 3D space is associated with the motion of space in the fourth dimension. As shown by the detailed energy bookkeeping, any momentum built up in a space direction reduces the momentum in the fourth dimension. Due to the kinematic approach, special relativity discloses the increase of the inertial mass in motion but is blind to the associated decrease of the rest mass which is observed e.g. as the reduced frequency of atomic clocks in motion. General relativity discloses the tilting of space near mass centers but is blind to the associated reduction of the rest energy resulting e.g. in the reduced frequency of atomic clocks near mass centers. In DU space the velocity of light is not constant but fixed to the velocity of space in the local fourth dimension. All local structures in DU space are linked to the rest of space. Unlike in GR space, gravitationally bound local structures like galaxies and planetary systems expand in direct proportion to the expansion of space. Four billion years ago the solar luminosity was about 25% lower than it is today, which makes it very difficult to explain the geological history of the Earth and the free water on early Mars if the planets had been at their present distances from the Sun as taught by general

relativity According to the DU 4 billion years ago planets were about 30% closer to the Sun which overcompensates the lower luminosity of the Sun and offers a natural explanation to the ancient warm oceans on Earth and liquid water on Mars The zero energy approach of the Dynamic Universe allows the derivation of local and cosmological predictions with a minimum number of postulates by honoring the conservation of energy and universal time and distance as the natural coordinate quantities for human comprehension *The Dynamic Universe* Snow,1988-07-05 *The Dynamic Universe* James MacKaye,2013-08 *The Dynamic Universe* Theodore Peck Snow,1983 *Essentials of the Dynamic Universe* Theodore Peck Snow,1987-02-01 **Essentials of the Dynamic Universe** Theodore Peck Snow,1987 **Essentials of the Dynamic Universe** Snow,Garmony,1989-12-07 **Essentials of the Dynamic Universe** Snow,1995

The Dynamic Universe Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the power of words has be more evident than ever. They have the capacity to inspire, provoke, and ignite change. Such is the essence of the book **The Dynamic Universe**, a literary masterpiece that delves deep in to the significance of words and their effect on our lives. Published by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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