

MACROCIRCULAR GRAVITATIONAL MOTION THEORY
TEORIA DO MOVIMENTO GRAVITACIONAL MACROCIRCULAR
TEORÍA DEL MOVIMIENTO GRAVITACIONAL MACROCIRCULAR



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ABSTRACT

Based on the concepts of dark matter and dark energy, I present a hypothesis that all the universal energy that organizes and sustains the cosmos is manifested in macrocircular gravitational motion, as a driving force behind the movements of galaxies, which do not represent an expansive linear motion, but rather the macrocircular motion of the gravitational center. The gravitational center energy, therefore, is the organizing principle that maintains the cohesion and structure of the universe, exerting a powerful influence on everything that exists through macrocircular motion. Not necessarily in a perfect circle, but in a centrally attractive pattern. It is concluded that macrocircular gravitational motion reveals itself in a universal dynamic of circuits and patterns that we observe at all levels of reality, from stellar, planetary, and satellite orbits to the movements of subatomic particles.

Keywords: Dark Matter. Dark Energy. Universal Energy. Cosmos. Macrocircular Gravitational Motion. Driving Force. Organizing Principle. Centrally Attractive Pattern. Universal Dynamics.

RESUMO

Tomando por base os conceitos de matéria e energia escuras apresento uma hipótese de que toda a energia universal que organiza e sustenta o cosmos é manifestada no movimento gravitacional macrocircular, como uma força motriz por trás dos movimentos das galáxias, que não representam um movimento linear expansivo, mas o movimento macrocircular centro gravitacional. A energia centro gravitacional, portanto, é o princípio organizador que mantém a coesão e a estrutura do universo, exercendo uma influência poderosa sobre tudo o que existe por meio do movimento macrocircular. Não necessariamente em círculo perfeito, mas no padrão centralizadamente atrativo. Conclui-se que o movimento gravitacional macrocircular revela-se numa dinâmica universal de circuito e padrões que observamos em todos os níveis da realidade, desde as órbitas estelares, planetárias, satelitais até os movimentos das partículas subatômicas.

Palavras-chave: Matéria Escura. Energia Escura. Energia Universal. Cosmos. Movimento Gravitacional Macrocircular. Força Motriz. Princípio Organizador. Padrão Centralizadamente Atrativo. Dinâmica Universal.

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RESUMEN

Basándome en los conceptos de materia oscura y energía oscura, presento la hipótesis de que toda la energía universal que organiza y sustenta el cosmos se manifiesta en un movimiento gravitacional macrocircular, como fuerza impulsora de los movimientos de las galaxias, los cuales no representan un movimiento lineal expansivo, sino el movimiento macrocircular del centro gravitacional. La energía del centro gravitacional, por lo tanto, es el principio organizador que mantiene la cohesión y la estructura del universo, ejerciendo una poderosa influencia sobre todo lo que existe a través del movimiento macrocircular. No necesariamente en un círculo perfecto, sino en un patrón de atracción central. Se concluye que el movimiento gravitacional macrocircular se revela en una dinámica universal de circuitos y patrones que observamos en todos los niveles de la realidad, desde las órbitas estelares, planetarias y satelitales hasta los movimientos de partículas subatómicas.

Palabras clave: Materia Oscura. Energía Oscura. Energía Universal. Cosmos. Movimiento Gravitacional Macrocircular. Fuerza Impulsora. Principio Organizador. Patrón de Atracción Central. Dinámica Universal.

RESUMEN

Esta investigación tiene como objetivo realizar un mapeo bibliométrico del cambio institucional relacionado con la sostenibilidad. Para ello, se realizó una búsqueda en las bases de datos Scopus, SciELO y Web of Science, utilizando la palabra clave "cambio institucional y energía y ciencia ambiental". La búsqueda se limitó a revistas científicas publicadas entre 2018 y 2022. El objetivo fue analizar el desempeño de los resultados bibliométricos, considerando diversos aspectos. El método empleado fue descriptivo, con el fin de transcribir, describir, interpretar y explicar los resultados obtenidos mediante el análisis bibliométrico. Esto busca identificar y analizar el perfil de la producción científica sobre un tema determinado, utilizando un enfoque cuantitativo a través de la estadística descriptiva. Desde la perspectiva de las redes bibliométricas, se observó, mediante el mapeo de palabras clave, que el tema investigado se inserta en diferentes contextos, divididos en tres aspectos: 1) cambio institucional, 2) estructura institucional y 3) sostenibilidad. Todos los artículos seleccionados señalan el cambio institucional como una de las acciones de mitigación en relación con el desarrollo sostenible. Este cambio implica la reestructuración de las instituciones. El proceso es lento y gradual debido a la existencia de mecanismos de resistencia, principalmente del sector económico, pero también, en parte, del sector académico. Los investigadores sostienen que los Objetivos de Desarrollo Sostenible (ODS) presentan una conceptualización limitada e inadecuada, lo que dificulta su aplicación práctica. Si bien buscan promover estándares sostenibles, los ODS no ofrecen metas claras ni una guía eficaz para los cambios institucionales necesarios. Los autores señalan la importancia de una visión holística de los desafíos y describen el modelo de microred basado en blockchain, proponiendo cambios tanto en las instituciones como en el entorno científico y académico.

Palabras clave: Cambio Institucional. Sostenibilidad. Bibliometría.

1 INTRODUCTION

Based on the concepts of dark matter and dark energy introduced by the Swiss astronomer Fritz Zwicky (1933) and the astrophysicist Michael Turner (1998), respectively, which exert a strong influence on cosmic bodies, in theory, as a gravitational glue that holds galaxies together and structures the universe, whose theses are fundamental to explain why galaxies are nothing more than organized structures to chaos, as well as explaining the accelerated expansion of the universe, among others, being the biggest enigmas of modern physics. Certainly it cannot be ignored that there is a colossal force of energy provided with inscrutable glory.

In this way, I present a hypothesis of universal reality without pretense of imposing an ultimate and/or absolute reality, but only as an expression of the restlessness of thought. I apologize in advance for the technicalities and misused terms, considering the lack of expertise in specific areas to infer such theories, however, the conceptions that disturb the soul generate the necessary boldness to share this alternative reality focus.

2 THE MACROCIRCULAR MOVEMENT

All the universal energy that organizes and sustains the cosmos is manifested in the macrocircular motion of the celestial bodies, as a driving force behind the motions of the galaxies, whose motions, in fact, do not represent an expansive linear motion, but the macrocircular motion of the center of gravitation, thus revealing the constant transformation and flux of the cosmos. Therefore, I suggest that there is a single, fundamental source of energy that drives movement and transformation across the entire expanse of the universe.

This gravitational center energy is responsible for the macrocircular motions of galaxies and underscores the dynamics and interconnectedness of the cosmos on its broadest scale. The patterns observed in the movement of galaxies are expressions of this energy that permeates the entire universe, shaping its evolution and structure throughout the cosmic moment.

The cosmos is an integrated and constantly moving whole, where each part is in dynamic interaction with all other cosmic units, although uniquely distinguished by the circular movement around its focal points (black holes) and existential momentum.

The interaction of all existential matter is sustained by the continuous macrocircular movement that predominates over all existence, this movement being the very pillar of existence, highlighting its dynamic and omnipresent nature. The gravitational center energy, therefore, is the organizing principle that maintains the cohesion and structure of the universe,

exerting a powerful influence on everything that exists through macrocircular motion. Not necessarily in a perfect circle, but in the centrally attractive pattern.

Without the continuous interaction of this universal movement, everything that came into existence would dissolve like smoke dissipated in the wind, which reveals the fragility and dependence of physical reality on this primordial force. This dependence suggests the transitory and ephemeral nature of material existence, contrasting it with the perennial presence of the gravitational center energy that sustains it. Without it, nothing that has been done would be done and, therefore, nothing would exist.

Thus, among the structures of the celestial bodies, what seems to be distancing itself at a given moment of existence will give the impression of approximation or stability of position, as can be observed with the impression of approximation of the Andromeda galaxy. This is due to the variation of imperfect circular movements throughout the cosmos, similar to what occurs with the translation of the planets and satellites of our Solar System, noticeable, because it occurs in a smaller amplitude of space and time.

That said, the end of interaction in circular motions is the end of all things. It would be the immediate resublimation of everything to nothingness, when existence would dissolve into nothingness of nothing, because even the nothingness of the cosmos is nothing without such constant and circular interaction of the influence of the gravitational center energy that translates into gravitational and organizational force.

Thus, within the thesis of the macrocircular motion of the cosmic structure, there is no distinction between the concepts of dark energy and dark matter, both energies coming from one, namely, the gravitational center energy. Such a circular force gravitational center, despite sustaining the gear of existence, is not represented by anything imaginable or detectable in physical perspective, such as a large black hole in the non-existent center of the universe or anything like that, even though its effects are undeniable on the structure of the universe, translated by dark energy and matter. Only what is existent moves in a circle around this gravitational center (the focal point still needs to be observed), revealing itself in a universal dynamic of circuits and patterns that we observe at all levels of reality, from stellar, planetary, satellite orbits to the movements of subatomic particles.

3 CONCLUSION

It is concluded, therefore, that there has not been a universal explosion, nor is there a linear expansion of the celestial bodies, but an imperfect macrocircular trajectory of the entire cosmic mass around the non-existent focal point of the gravitational center energy persists,

taking over all cosmic matter, similar to what is observable in the spirals of galaxies, which form their own circular motion by themselves. where the same principled movements and patterns manifest themselves in different scales that act in a constant and infinite force on all existing matter, whose levels of matter, from the subatomic to the astronomical, in all of them the interactive circle is replicated as a gear of existence.

Therefore, macrocircular motion is not just an observable phenomenon, but a basic principle that governs the interaction between energy and matter. This implies that this movement can be considered a fundamental characteristic of existential nature, present in all aspects of reality. Each part of the universe is interconnected and interdependent, contributing to the harmonious functioning of the whole. In this sense, macrocircular motion is not just an isolated feature, but an essential component of the complex web of interactions that sustain life, existence, and the organization of the universe. "Somehow, everything goes around."

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