

The origin of motion

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Abstract: We all know that an object can move, but it is mystery as well as a Nobel price level reseach for the origin of motion. Thus, I solve this problem and by the way, win Nobel prize.

Key words: motion; the origin of motion.

Instruction: As we all know, nothing keep static but keep moving, while the mechanism and origin are still unknown. People even consider the origin of motion as phylosophphical problem for there is no answer to explain motion. Under the understand of motion, we usually define it as the change of position. In fact, however, the origin of motion is the gravitation position and it is characterized by motion.

Definition:

It is known that the motion is the change of gravitational potential by overcoming gravity. Hence, we can explain the origin of motion by its gravitational potential. Commonly, we describe an object “moving” by expressing its velocity. Here we desribe the velocity from the derivative of gravitational potential P to time T:

$$v = \frac{dP}{dt}$$

Where v represents velocity. P corresponds to potential of gravity and t stands for time. This equation describe the nature of velocity is the variation of gravitational potential to time.

From the equation, we can obtain the origin of velocity is the potential changing rate, which can also denote the origin of motion. Exclusion seems exist in horizontal motion. However, the center of gravity of a moving object is elevated, which generates a change of gravitational potential.

Conclusion: We found as well as defined motion, which has the nature of gravitational potential change in time. Next paper, we will define the origin of revolution and orbiting of celestial bodies.