energy in a substance, T is time the light passes under no gravity, m_1 is mass (at its initial value), c_1 is velocity of light (at its initial value), and Tk is time the light has passed under no gravity.

[Math.4]

When

$$\sqrt{E \Big/ \sum_{K=1}^{T} m_1 c_1} - 1 > 0 \quad (1 \leqq K \leqq T), \quad T_K < 0 \quad .$$

And likewise, the method of creating reverse time for light as can be seen in the formula below in [Math.5]. E as is defined here is the potential energy in a substance, T is time the light passes under no gravity, m_1 is mass (at its initial value), c_1 is velocity of light (at its initial value), and Tk is time the light has passed under no gravity.

[Math. 5]

When

$$E > \sum_{K=1}^{T} C_1 \quad (1 \leqq K \leqq T) \text{ , then } T_K < 0 \quad .$$

Technical Problem

[0021]

Provision of the methods of calculating potential energy in substances and light, provision of the method of creating timeless condition, and provision of methods of creating reverse time.