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Mass, Energy, Space And Time Systemic Theory—MEST DAY-ONG CAO, Beijing Natural Providence Science & Technology Development Co., Ltd — Things have their physical system of the mass, energy, space and time of themselves-MEST. The time is from the frequency, the space is from the amplitude. Also they have different space-time and MEST of themselves, but all of them have the balance system of MEST. In the solar system, the mass-energy is center and the space-time is around. So sun absorb the absorptive wave, and absorb the mass-energy; and radiate the light, and radiate the space-time. The light give the planets the repulsion energy; the absorptive wave give the planets the gravitational potential energy. And there is the balance energy equation of planet (with a Round revolution orbit), $\frac{1}{2}mv^2 + m'c^2 = -mgr = -G\frac{Mm}{r}$. $\Delta\frac{1}{2}mv^2 = \Delta m'c^2$, $\frac{1}{2}mv^2 = -\frac{1}{2}mgr \rightarrow \frac{1}{2}mv^2 = m'c^2 \rightarrow mv^2 = -mgr \rightarrow ma = -mg$ Among it, “ $m'c^2$ ” is the energy of space-time of planet, “ $\frac{1}{2}mv^2$ ” is the kinetic energy of planet, “ $G\frac{mM}{r}$ ” is potential energy of planet. The equation: “ $m'c^2$ ” show that the planets have the wave of itself, and the wave give the planets the repulsion energy. So it do not fall from the heaven. In atomic system, there is the balance energy equation of electron (with a Round revolution orbit), $\frac{1}{2}m_e v_e^2 + m'_e c^2 = -\frac{1}{4\pi\epsilon_0} \frac{q_1 q_2}{r_e}$. $\Delta\frac{1}{2}m_e v_e^2 = \Delta m'_e c^2$, $\frac{1}{2}m_e v_e^2 = \frac{1}{4\pi\epsilon_0} \frac{q_1 q_2}{r_e} \rightarrow \frac{1}{2}m_e v_e^2 = m'_e c^2 \rightarrow m_e v_e^2 = \frac{1}{4\pi\epsilon_0} \frac{q_1 q_2}{r_e}$ Among it, “ $m'_e c^2$ ” is the energy of space-time of electron, “ $\frac{1}{2}m_e v_e^2$ ” is the kinetic energy of electron, “ $\frac{1}{4\pi\epsilon_0} \frac{q_1 q_2}{r_e}$ ” is electric potential energy.

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