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The mass, energy, space and time systemic theory-MEST DAYONG CAO, Beijing Natural Providence Science & Technology Development Co., Ltd — The displacement and period of the orbit of the motion are the space-time; the probability of them are the quantum space-time. Both of the energy-momentum tensor and metric tensor belong to the gravitational field. It can direct the space-time. The black hole has a space-time center as a origin of a mass-energy coordinate system and a binding energy of space-time like that sun has a mass-energy center and the nuclear energy. And it has a dark matter field around. There is a balance energy equation between sun and black hole.

$$E = h\nu = mc^2 \tag{1}$$

Among it, E: the energy of wave of sun, m: the mass of wave, c: the velocity of wave, ν: the frequence of wave, h: the Planck constant.

$$E'\psi = i\hbar\frac{\partial\psi}{\partial t} \tag{2}$$

$$m'\psi = -i\hbar\frac{\partial\psi\partial t}{(\partial x)^2} \tag{3}$$

Among it, $E'\psi$: the energy of dark wave of black hole, $m'\psi$: the mass of dark wave, c$'$: the velocity of dark wave, ψ: the Wave Functions.

$$h\nu + E'\psi = mc^2 + m'\psi c'^2, (c'^2 = -\frac{(\partial x)^2}{(\partial t)^2}) \tag{4}$$

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