## Abstract Submitted for the MAR10 Meeting of The American Physical Society

The mass, energy, space and time systemic theory-MEST-the Theory of Relativity of Einstein DAYONG 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 of wave, the space is from the amplitude of wave. So the wave is like the space-time. In the wave-particle duality, the wave like the space-time, the particle like the mass-energy. The nature of the macrosubstance is mainly mass-energy while space-time are ancillary. Their physical systemic moel like that the mass-energy is center and the space-time is around, the particle is center and the wave is around. The quality of radiate wave mainly is quantum space-time while its mass-energy is ancillary. Their physical systemic moel like that the space-time is center and the mass-energy is around, and the wave is center and the particle is around. When a train run with a high speed up, why can a drosophila stopped in the mid-air of the train cars? Because the train cars have the space-time (wave) of itselves. And its space-time will be changed in the trip. Also its space-time be changed, they have the same formula of the physical laws-the Theory of Relativity of Einstein. Everything have relatively independent system of MEST, and have their relatively independent character. Also things have different space-time and MEST of themselves, but they have the same formula of the physical systemic laws.

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Date submitted: 25 Jan 2010 Electronic form version 1.4