## Abstract Submitted for the SES08 Meeting of The American Physical Society

The mass, energy, space and time system theory of universe -MEST DAYONG CAO, Beijing Natural Providence Science & Technology Development CO., LTD — Things have their own system of mass, energy, space and time of themself. (The MEST for short thereinafter). Mass is density, energy is force, time is frequency, spac is amplitude square. In MEST of White hole, Mass-energy particle condense to center, Space-time wave radiate to Around. Solar system is a MEST of White hole. Sun is mainly mass-energy; light wave mainly is space-time. Light is Around Sun. In wave-particle duality, the wave mainly is quantum spacetime; The particle is mainly quantum mass-energy. There are the transmutation between space-time and mass-energy. When they get a balance, they get the inertia and eigenvalue system. In MEST of Black hole, Space-time particle condense to center, Mass-energy wave radiate to Around. The Dark matter-energy is from the Black hole. It is the radiate mass-energy Wave around Black hole. The dark matter-energy is from the Black hole like that the light wave is from star. Black hole have many dark planets who is made up of dark matter-energy like that Sun have many planets. There is a interaction between Back hole and White hole. In MEST of Back hole and White hole, There are the transmutation between space-time and mass-energy. There is a interaction between space-time and mass-energy. When they get a balance, they get a steady-going system like Homeostasis. There are the conservation of space-time and mass-energy.

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