

Abstract Submitted  
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**The mass, energy, space and time system of Star and Black hole**  
-MEST DAYONG CAO, Beijing Natural Providence Science & Technology Development CO., LTD — Things have their own system of mass, energy, space and time of themselves. (The MEST for short thereafter). Mass is density, energy is force, time is frequency, spac is amplitude square. In MEST of Star, Mass-energy condense to center, Space-time radiate to Around. An Nuclear is like the Mass-energy center while the charge cloud is like the Space-Time around. Neutron, Proton, Electron, Muon atom compose a MEST-1 of Star. Neutron, Proton, Pion meson+, Pion meson- compose a MEST-2 of Star. Electron, Muon atom, Eleneutrino, Muneutrino compose a MEST-3 of Star. Pion meson+, Pion meson-, Eleneutrino, Muneutrino compose a MEST-4 of Star. In MEST of Black hole, Space-time condense to center, Mass-energy radiate to Around. Black hole is space-time particle center while the dark matter-energy is the radiate mass-energy Wave around Black hole. The dark matter-energy is from the Black hole. MEST of the dark matter-energy reverse of MEST-1, MEST-2, MEST-3, MEST-4. Because Black hole have a applied thrust to dark matter-energy, So the quantity of mass of dark matter-energy that be estimated is bigger than it's in fact. Black hole and Dark matter-energy can reduce the frequency of the light of star.

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