

Abstract Submitted
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Exploration on the Expansion of the Universe RUOFAN HAN, 15110261593, YONGQUAN HAN, 13241375685 — The birth of new galaxies is the main reason for the expansion of the universe. Dark energy, dark matter exists in the center of the universe, a new birth of the galaxy is the result of the center of the universe substances, energy, they big bang, and centrifugal movement. Due to the birth of new galaxies, the energy of the substance of the center of the universe is decreased, that is, the quality decreased. Assuming the quality of the center of the universe is M , supernova where the mass of the galaxy is m , we can see through the law of universal gravitation: the center of the universe to the galaxy of the supernova where gravity is $F = GMm/r^2$. The area of Supernova where the galaxy due to the curvilinear motion repulsion size: $f = mv^2 / r$. Because of the New galaxy, he M 's quality decreases, F reduce the inevitable; expression shows that the observed repulsion, f unchanged. The galaxies where the Supernova exists start “inflation.” This only changes r , and becomes larger. Attraction and repulsion decreases as r increases, but gravity and r is inversely proportional to the square of the repulsion and r is inversely proportional to the supernova where the galaxies to accelerate expansion. TEL: 13241375685

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