

Abstract Submitted
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Mathematical Description of the Composition of Universe HAN YONGQUAN — Gravity acceleration is the root of universe change. The relationship between gravity acceleration and mass, time, velocity and space is as follows: when the gravitational acceleration reaches maximum, mass, time, velocity and space are zero and the universe reaches minimum; when the gravitational acceleration reaches minimum, mass, time, velocity and space reach maximum and the universe reaches maximum. Its mathematical $C=j^4(t \times k \times v \times m)$, C is cosmological constant; j is gravity acceleration; t is time; k is the space; v is velocity; m is mass. When the gravity acceleration shifts from big to small, the universe is in the period of development and expansion; when the gravity acceleration shifts from small to big, the universe becomes on the wane and then dies out. It can be further inferred that when the velocity is zero, mass, time and space are also zero. In the analysis of $C=j^4(t \times k \times v \times m)$, time constant $c_t = j \times t$, space constant $k_t = j \times k$; velocity constant $c_v = j \times v$, mass constant $c_m = j \times m$. The multiply of four constants is cosmological change constant. The formula expressing certain state of changing universe space is $\frac{C}{j^4}$. In international standard units, the unit for changing universe space is $m^4 \times kg$ linear TEL: 13241375685

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