

Origin of the Universe

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Abstract: put forward a viewpoint of the origin of our universe.

Main Viewpoints and Conclusions

Scientists have proposed many doctrines regarding the origin of the universe, at present, with the greater impact in the academic community, one is the Big Bang Theory and its related Inflation Universe Theories (IUTs), and another is the Steady State Theory. Moreover, it is still has been under debate. ^[1]

This article put forward a *Fission-Fusion-Inflation Theory* of the origin of our universe.

First of all, the elementary particles as the fundamental building blocks of the matter that able to fission and fusion---protons, electrons and neutrinos are already present.

The universe = elementary particles (protons, electrons and neutrinos) + thermal energy (including light, and so-called photons).

A certain ambient temperature guarantee is the nucleons can be condensed into the nucleus, as well as the existence of a stable nucleus, at absolute zero: there is no nucleus (neutron); contrary, in the polar high temperature (the high temperature), all the substances were aggregated into Hypernuclei (neutrons state).

The process of the Universe and galaxy generation is the process of "entropy" increasing of neutron stars (= protons + electrons + neutrinos + huge amounts of thermal energies); is also the attenuation process of the temperature, density and energy levels of the neutron stars; the generation and evolution of the Universe and galaxy, is also the process of the aggregation and decomposition of elementary particles. ^{[2][3]}

References

[1] *Theories of the origin of the universe*

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[2] *Theoretical physics: The origins of space and time*

<http://www.nature.com/news/theoretical-physics-the-origins-of-space-and-time-1.13613>

[3] *The structure, properties and parameters of nucleon*

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