

Cosmological model by cosmological principle

— 4 Big change, birth and death of cosmos—

In prevailing cosmology, it is considered that there were phenomena called “Inflation” and “Big Bang” in the beginning of cosmos. In cosmology by cosmological principle, we think that cosmos is born by big change. We try to infer the process in which cosmos is born under cosmological principle. When mass (gravity) of a celestial body grows big and comes to shut light in, a big change happens in the celestial body by accident. It is not explosion, but inner change of state of the celestial body. The change will be a phenomenon in which solid and liquid become vapor at a time. The physical phenomenon (level of elementary particles) is a big change of inner phase of the celestial body. The big change can be compared with Big Bang in prevailing cosmology.

With this big change, when new environment in which light runs is settled, a new cosmos (offspring) is born. The cosmos to which former celestial body belonged becomes parent cosmos of the new cosmos.

Light that runs in new cosmos is shut in by wall. Running light cannot arrive at the wall. The size of new cosmos becomes infinite by new measure based on its inner light, while the size in the parent cosmos does not change. There is no inflation of cubic volume in the parent cosmos. Change from finite to infinite depends on change of measures.

Thus, a relation between parent and offspring is formed. What is more, parent has parent, and offspring has offspring. Cosmological principle is valid all over cosmos.

Parent cosmos has been born also by the same process as above mentioned. This process is common in all generations of cosmoses.

When cosmos lost its ability of shutting light in, the cosmos dies and returns to an ordinary celestial body of parent cosmos. Its offspring are accompanied.