Primary Particles Produced by the Big Bang Explosion

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The Big Bang phenomenon begins with a huge explosion that happened in a high-density sphere. It is possible to have different mass with different density after that. In this article we will demonstrate that the density of Big Bang is about 10^{42} kg/m³ [1,2]. Therefore, all mass from electron, proton, neutron up to Black hole could be create at the first moment of big bang.

References

[1] G. Saleh: Calculation of the Volume and Density of the universe sphere at the Big Bang moment, "APS April Meeting 2023".

[2] G. Saleh: Accurate Calculation of the Volume and Density of the Big Bang, "Fall 2022 Meeting of the APS Eastern Great Lake Section and the Michigan Section of AAPT".

