

The Possibility of the Existence of Electron Star, Electron Planet or Electron Dwarfs in the Universe

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Various phenomena occur within the universe, including different types of collisions across multiple models. It can be said that whatever exists in human thought and imagination also has the potential to materialize in nature and the universe.

A simple example of this is the existence of different states of matter, namely gases, liquids, solids, and plasma. These states encompass all possible forms that we can conceive of and that also exist in nature. In fact, the possibility of the existence of any model's type for any specific element or atom in the universe exists. Since pure proton stars (White Dwarfs) and pure neutron stars (Magnetars) exist in nature [1], one could expect that, in certain regions of the universe, pure electron stars (Electron Dwarfs) or other specific models entirely composed of electrons may also exist. These could be sought after in future telescopic research and investigations.

Reference:

[1] [Saleh, Gh. "A New Explanation for the Creation of Black Holes, White Dwarfs and Magnetars." *Frontiers in Cosmology and Gravitational Physics 2024* \(2024\): E2.](#)

