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Gravitational Compactification of Electrodynamical Objects of Wormhole Type

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Highlights

- In the flat space-time, compact electrodynamic systems do not exist.
- The focusing action of gravitational field is the cause of compactness of objects.
- Elementary particles, nuclei, charged macroparticles can have gravitational origin.
- Negative Gaussian curvature is the cause of negative energy density of matter.

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