

The Time Machine Factory [unspeakable, speakable] on Time Travel - TMF2024



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Z-machine, Levi-Civita Solution and Wormholes

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In 1917 Tullio Levi-Civita exactly solved the Einstein-Maxwell equations for the artificial and very tiny gravitational field created by the energy of a static and extremely intense magnetic or electric field.

In 1995 Claudio Maccone extended that Levi-Civita solution so as to check its validity by virtue of the Z_machine existing at Sandia Labs in the USA.

In 2000 Dr. Slutz's reply from Sandia Labs was that not even the Z_machine would be powerful enough to carry on the experimental verification of the theory.

Thus, the only hope we have as of 2024 is to devise some new astronomical method allowing the measurement of artificial gravity in the proximity of magnetars.

Finally, some speculations are made to see if these theoretical results may be related to Wormhole Theory.

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