2006 Vol.46 No.4 pp.639-642 DOI:

Mechanism of Gravity Impulse

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(Received: 2005-12-21; Revised:)

Abstract: It is well known that energy-momentum is the source of gravitational field. For a long time, it is generally believed that only stars with huge masses can generate strong gravitational field. Based on the unified theory of gravitational interactions and electromagnetic interactions, a new mechanism of the generation of gravitational field is studied. According to this mechanism, in some special conditions, electromagnetic energy can be directly converted into gravitational energy, and strong gravitational field can be generated without massive stars. Gravity impulse found in experiments is generated by this mechanism.

PACS: 04.60.-m, 04.50.+h, 04.80.Cc, 04.90.+e, 04.30.Db
Key words: mechanism of generation of gravitational field, gravity impulse, quantum gravity, unified theory of fundamental interactions

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