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General Relativity and Quantum Cosmology

Curvature(s) of a light wavefront in a weak gravitational field

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The geometry of a light wavefront evolving from a flat wavefront under the action of weak gravity field in the 3-space associated to a post-Newtonian relativistic spacetime, is studied numerically by means of the ray tracing method.

Comments: 3 pages, 1 fig, Talk given by JFPS at the 12th Marcel Grossmann

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