

## General Relativity and Quantum Cosmology

# Gravitational Waves I: Basic Emission Equations

[M.Cattani](#)*(Submitted on 14 Jan 2010)*

Using the Einstein gravitation theory we show how to obtain the basic equations which predict the gravitational waves. This paper was written to graduate and post-graduate students of Physics. We deduce the equations didactically following the simplest way maintaining, however, the necessary mathematical rigor.

Comments: 18 pages 5 figures

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