

## Introduction To General Relativity Black Holes And Cosmology

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Introduction To General Relativity Black

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Introduction to General Relativity, Black Holes and ...

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Introduction to general relativity - Wikipedia

General Relativity is a beautiful geometric theory, simple in its gen-eral mathematical formulation, which has numerous consequences with strikingphysicalinterpretations:gravitationalwaves,blackholes,cosmo-logical models. Several of these consequences have been veri?ed with a great accuracy. The Einstein equations present a wide variety of new and

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General relativity (GR) is a theory of gravitation that was developed by Albert Einstein between 1907 and 1915. According to general relativity, the observed gravitational attraction between masses results from those masses warping nearby space and time. Previously, Newton's law of universal gravitation (1686) had described gravity as a force between masses, but experiments have shown that ...

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in Newton's theory of mechanics and Einstein's theory of special relativity. General relativity describes the distortion of spacetime near a star, white dwarf, neutron star, or black hole and predicts the resulting motion of stones, satellites, and light flashes. Learning general relativity usually requires mastering Einstein's field

Edwin F. Taylor - General Relativity

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Introduction to General Relativity, Black Holes, and Cosmology. Yvonne Choquet-Bruhat. November 2014. ISBN: 9780199666461. 300 pages Paperback 246x189mm In Stock. Price: £26.49. A precise yet simple introduction to the foundations and main consequences of General Relativity.

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Introduction Following the approach of Lev Landau and Evgenii Lifshitz, this book introduces the theory of special and general relativity with the Lagrangian formalism and the principle of least action.

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General relativity is a beautiful scheme for describing the gravitational ?eld and the equations it obeys. Nowadays this theory is often used as a prototype for other, more intricate constructions to describe forces between elementary particles or other branches of fundamental physics.