



I'm not robot



I am not robot!

While the course is largely self-taught, in this short book, renowned theoretical physicist and author Carlo Rovelli gives a straightforward introduction to Einstein's general relativity, our current theory of gravitation. Sean M. Carroll's *Spacetime and Geometry* is an introductory textbook on general relativity, specifically aimed at students. The effects that we attribute to the force of gravity are due to the bending and warping of spacetime, from falling cats, to orbiting spinning planets, to the motion of the cosmos on the grandest scale. The essence of the theory is simple: gravity is geometry. The purpose of this book is to provide a clear and concise introduction to the theory of general relativity for beginning graduate students in physics.

These notes represent the material covered in the Part II lecture on General Relativity (GR). Scribd is the world's largest library of books and documents. View a PDF of the paper titled *Lecture Notes on General Relativity*, by Sean M. Carroll. The essence of the theory is simple: gravity is geometry. His book *The Structure of General Relativity* (GR) beautifully describes the dynamics of space and time, incorporating local Lorentz symmetry through Einstein's equivalence principle. General relativity is the theory of space and time and gravity. Using a lucid style, Carroll first covers the foundations of the theory. General relativity is the theory of space and time and gravity. The effects that we attribute to the force of gravity are due to the bending and warping of spacetime, from falling cats, to orbiting spinning planets, to the motion of the cosmos on the grandest scale. The essence of the theory is simple: gravity is geometry. The essence of the theory is simple: gravity is geometry. The purpose of this book is to provide a clear and concise introduction to the theory of general relativity for beginning graduate students in physics. General relativity is the theory of space and time and gravity. The effects that we attribute to the force of gravity are due to Carroll, *Spacetime and Geometry: An Introduction to General Relativity*. Free ebook download as PDF File.pdf) or read book online for free.