



# A Most Incomprehensible Thing: Notes Towards a Very Gentle Introduction to the Mathematics of Relativity

By Peter Collier

Incomprehensible Books, United Kingdom, 2014. Paperback.

Book Condition: New. 2nd Revised edition. 224 x 190 mm.

Language: English . Brand New Book. A self-study guide to

Einstein's wonderful theories of relativity A Most Incomprehensible Thing is aimed at the enthusiastic general

reader who wants to move beyond the maths-lite

popularisations in order to tackle the essential, but challenging

mathematics of Einstein's fascinating theories of special and

general relativity. One of the cornerstones of modern physics,

relativity is based on the concept of four-dimensional spacetime

- curved in the vicinity of mass-energy, flat in its absence. Special

relativity helps explain a huge range of non-gravitational

physical phenomena and has some strangely counter-intuitive

(very weird, in plain English) consequences. These include time

dilation, length contraction, the relativity of simultaneity, mass-

energy equivalence and an absolute speed limit. General

relativity, a theory of gravity, is at the heart of our

understanding of cosmology and black holes. To paraphrase

Euclid, there is no royal road to relativity - you have to do the

mathematics. This introductory, self-study guide is written using

straightforward and accessible language, with clear derivations

and explanations as well as numerous fully solved problems. For

those with minimal mathematical background,...



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## Reviews

*A top quality publication along with the font used was intriguing to read. I really could comprehend everything using this written e book. Its been designed in an remarkably straightforward way and it is only after i finished reading through this publication by which basically altered me, modify the way i believe.*

-- **Cathrine Larkin Sr.**

*Very useful to all of group of people. I actually have read through and so i am certain that i will planning to study yet again once again down the road. I am just very easily can get a satisfaction of looking at a created book.*

-- **Mark Bernier**