

1. Record Nr.	UNINA9910536629103321
Autore	Steane Andrew M.
Titolo	Relativity made relatively easy // Andrew M. Steane
Pubbl/distr/stampa	Oxford : , : Oxford University Press, , 2012
ISBN	0-19-165042-0 1-283-60203-2 9786613914484
Descrizione fisica	1 online resource (436 pages)
Disciplina	530.11
Soggetti	Special relativity (Physics) Relativity (Physics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The present book is self-contained and does not require knowledge of the rst one, but a more basic text such as The Wonderful World or something similar is recommended as a preparation for this book"-- Preface
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Relativity Made Relatively Easy presents an extensive study of Special Relativity and a gentle (but exact) introduction to General Relativity for undergraduate students of physics. Assuming almost no prior knowledge, it allows the student to handle all the Relativity needed for a university course, with explanations as simple, thorough, and engaging as possible. The aim is to make manageable what would otherwise be regarded as hard; to make derivations as simple as possible and physical ideas as transparent as possible. Lorentz invariants and four-vectors are introduced early on, but tensor not