

1. Record Nr.	UNINA9910460349903321
Autore	Yahalom Asher
Titolo	Advances in classical field theory [[electronic resource] /] / Asher Yahalom
Pubbl/distr/stampa	[S.l.], : Bentham Science Publishers, [2011]
ISBN	1-60805-195-1
Descrizione fisica	1 online resource (302 p.)
Disciplina	530.14
Soggetti	Field theory (Physics) Gravitation Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	01 Title.pdf; 02 Cover Page; 03 eBooks End User License Agreement-Website; 04 Dedication; 05 Content; 07 Preface; 08 Contributors; 09 Part 1; 10 Chapter 01; 11 Chapter 02; 12 Chapter 03; 13 Chapter 04; 14 Chapter 05; 15 Part 11; 16 Chapter 06; 17 Chapter 07; 18 Part 111; 19 Chapter 08; 20 Chapter 09; 21 Chapter 10; 22 Index
Sommario/riassunto	Classical field theory is employed by physicists to describe a wide variety of physical phenomena. These include electromagnetism, fluid dynamics, gravitation and quantum mechanics. The central entity of field theory is the field which is usually a multi component function of space and time. Those multi component functions are usually grouped together as vector fields as in the case in electromagnetic theory and fluid dynamics, in other cases they are grouped as tensors as in theories of gravitation and yet in other cases they are grouped as complex functions as in the case of quantum mechanic