

1. Record Nr.	UNISALENTO991000978279707536
Autore	Arscott, F. M.
Titolo	Heun's differential equations / edited by A. Ronveaux ; with contributions by F. M. Arscott ... [et al.]
Pubbl/distr/stampa	Oxford ; New York ; Tokyo : Oxford Univ. Press, 1995
ISBN	0198596952
Descrizione fisica	xxiii, 354 p. ; 24 cm.
Collana	Oxford science publications
Classificazione	AMS 34B30 AMS 34C
Altri autori (Persone)	Ronveaux, André
Disciplina	515.352
Soggetti	Qualitative theory Special equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910299491203321
Autore	en Zekâi
Titolo	Philosophical, logical and scientific perspectives in engineering / / Zekai Sen
Pubbl/distr/stampa	Cham [Switzerland] : , : Springer, , 2014
ISBN	3-319-01742-X
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (xi, 260 pages) : illustrations (some color)
Collana	Intelligent Systems Reference Library, , 1868-4394 ; ; 143
Disciplina	501
Soggetti	Engineering - Philosophy Engineering - Study and teaching
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"ISSN: 1868-4394."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Intelligent Reasoning Elements -- Philosophy and Engineering -- Logic and Engineering -- Science and Engineering -- Education and Engineering -- Future Trends.
Sommario/riassunto	This book highlights and explains the significance of philosophical, logical, and scientific principles for engineering education/training and engineering works. In so doing, it aims to help to rectify the neglect of philosophy and logic in current education and training programs, which emphasize analytical and numerical methods at the expense of the innovative practical and creative abilities so important for engineering in the past. Individual chapters examine the relation of philosophy, logic, and science to engineering, drawing attention to, for example, the significance of ethics, the relevance of the philosophy of science, and the increasing importance of application of fuzzy logic to engineering. Modeling principles and philosophy in engineering are discussed, and the impact of different education systems, examined. Too often engineers have become reliant on readily available formulations and software; this book offers an antidote, promoting the recognition of artistic and humanitarian aspects and their integration in engineering works.