

1. Record Nr.	UNISALENT0991004403227707536
Autore	Kamberaj, Hiqmet
Titolo	Electromagnetism : with solved problems / Hiqmet Kamberaj
Pubbl/distr/stampa	Cham, Switzerland : Springer, 2022
ISBN	9783030967796
Descrizione fisica	xiii, 395 p. : ill. ; 24 cm
Collana	Undergraduate Texts in Physics
Classificazione	53.2.2
Disciplina	537.6
Soggetti	Electromagnetism - Textbooks Electromagnetism - Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Sommario/riassunto	Any curriculum involving science and/or engineering will eventually find itself entering the realm of physics. This book seeks to introduce students to a number of the fundamental concepts in physics and illustrate how different theories were developed out of physical observations and phenomena. The book presents multi-chapter sections on electrostatics, magnetism and electromagnetic waves, with eyes on both the past and the future, touching, along the way, on Coulomb, Gauss, Maxwell, Ohm, Biot-Savart, Ampere, Faraday, Fresnel and Lorentz. The book also contains an appendix that provides the reader with a portion of the mathematical background of vector analysis and vector differential operators. The book approaches its topics through a focus on examples and problem-solving techniques, illustrating vividly how physical theories are applied to problems in engineering and science. The book is primarily aimed at undergraduate students in these two fields, but it also features chapters that are geared towards senior undergraduates working on their final year theses

2. Record Nr.	UNINA9910626144603321
Titolo	IEEE robotics & automation magazine // IEEE Robotics & Automation Society
Pubbl/distr/stampa	New York, NY, : Institute of Electrical and Electronics Engineers
ISSN	1070-9932
Disciplina	629
Soggetti	Robotics Automation Robotique - Periodiques Automatisation - Periodiques Commande automatique - Periodiques Robotique Automatisation Commande automatique periodicals. Periodicals. Periodiques.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed