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Titolo	Fundamentals of complex analysis : engineering, science, and mathematics // Edward B. Saff, Arthur David Snider
Pubbl/distr/stampa	Harlow, Essex : , : Pearson, , [2014] Â©2014
ISBN	1-292-03688-5
Edizione	[Third edition, Pearson new international edition.]
Descrizione fisica	1 online resource (ii, 516 pages) : illustrations
Collana	Always learning
Disciplina	515.9
Soggetti	Functions of complex variables
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Complex numbers -- 2. Analytic functions -- 3. Elementary functions -- 4. Complex integration -- 5. Series representations for analytic functions -- 6. Residue theory -- 7. Conformal mapping -- 8. The transforms of applied mathematics
Sommario/riassunto	This is the best seller in this market. It provides a comprehensive introduction to complex variable theory and its applications to current engineering problems. It is designed to make the fundamentals of the subject more easily accessible to students who have little inclination to wade through the rigors of the axiomatic approach. Modeled after standard calculus books - both in level of exposition and layout - it incorporates physical applications throughout the presentation, so that the mathematical methodology appears less sterile to engineering students.