Record Nr.	UNINA9910254069103321
Autore	Constanda Christian
Titolo	Boundary Integral Equation Methods and Numerical Solutions : Thin Plates on an Elastic Foundation / / by Christian Constanda, Dale Doty, William Hamill
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-26309-9
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (242 p.)
Collana	Developments in Mathematics, , 1389-2177 ; ; 35
Disciplina	510
Soggetti	Integral equations Partial differential equations Functions of complex variables Integral Equations Partial Differential Equations Functions of a Complex Variable
Lingua di pubblicazione	Inglese
Lingua di pubblicazione Formato	Inglese Materiale a stampa
Lingua di pubblicazione Formato Livello bibliografico	Inglese Materiale a stampa Monografia
Lingua di pubblicazione Formato Livello bibliografico Note generali	Inglese Materiale a stampa Monografia Description based upon print version of record.
Lingua di pubblicazione Formato Livello bibliografico Note generali Nota di bibliografia	Inglese Materiale a stampa Monografia Description based upon print version of record. Includes bibliographical references and index.
Lingua di pubblicazione Formato Livello bibliografico Note generali Nota di bibliografia Nota di contenuto	Inglese Materiale a stampa Monografia Description based upon print version of record. Includes bibliographical references and index. Preface 1. The Mathematical Model 2. The Layer Potentials 3. Existence of Solutions 4. Software Development 5. Computational Examples References Index.

1.

part of the book, where approximate solutions are computed with a high degree of accuracy. The book is intended for graduate students and researchers in the fields of boundary integral equation methods, computational mechanics and, more generally, scientists working in the areas of applied mathematics and engineering. Given its detailed presentation of the material, the book can also be used as a text in a specialized graduate course on the applications of the boundary element method to the numerical computation of solutions in a wide variety of problems.