1. Record Nr. UNISA996395537003316

Titolo	A short fourme of thankesgeuyng to God for ceassing the contagious sicknes of the plague [[electronic resource]] : to be vsed in common prayer on Sundayes, Wednesdayes, and Frydayes, in steade of the co[m] mon prayers, vsed in the time of mortalitie. / / Set forth by the Byshop of London, to be vsed in the citie of London, and the rest of his diocesse, and in other places also at the discretion of the ordinary ministers of the churches.
Pubbl/distr/stampa	Imprinted at London in Powles Churchyarde, : by Richard Jugge and John Cawood, printers to the Quenes Maiestie., 22. Januarii. 1563
Descrizione fisica	[8] p
Altri autori (Persone)	GrindalEdmund <1519?-1583.>
Soggetti	Plague - England - London
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	One of two issues; the other is undated, with a cancel t.p.; in title: 'ceassyng'. Bishop of London = Edmund Grindal. Imprint from colophon. Signatures: Aâ´. "Cum priuilegio Regiae Maiestatis."-- last leaf. Title printed within ornamental woodcut border (McK. & F. 111); printer's device (McK. 123) at colop.; initials. Former owner's autograph on t.p.: Hum: Dyson. This item is the first in a group of twelve items bound and filmed together. Reproduction of original in: British Library.
Sommario/riassunto	eebo-0018

2. Record Nr. UNINA9910733732503321

Autore	Maz'ya Vladimir
Titolo	Green's Kernels and Meso-Scale Approximations in Perforated Domains / / by Vladimir Maz'ya, Alexander Movchan, Michael Nieves
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013
ISBN	3-319-00357-7
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XVII, 258 p. 17 illus., 10 illus. in color.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2077
Disciplina	515.353
Soggetti	Partial differential equations Approximation theory Partial Differential Equations Approximations and Expansions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Part I: Green’s functions in singularly perturbed domains: Uniform asymptotic formulae for Green’s functions for the Laplacian in domains with small perforations -- Mixed and Neumann boundary conditions for domains with small holes and inclusions. Uniform asymptotics of Green’s kernels -- Green’s function for the Dirichlet boundary value problem in a domain with several inclusions -- Numerical simulations based on the asymptotic approximations -- Other examples of asymptotic approximations of Green’s functions in singularly perturbed domains -- Part II: Green’s tensors for vector elasticity in bodies with small defects: Green’s tensor for the Dirichlet boundary value problem in a domain with a single inclusion -- Green’s tensor in bodies with multiple rigid inclusions -- Green’s tensor for the mixed boundary value problem in a domain with a small hole -- Part III Meso-scale approximations. Asymptotic treatment of perforated domains without homogenization: Meso-scale approximations for solutions of Dirichlet problems -- Mixed boundary value problems in multiply-perforated domains.
Sommario/riassunto	There are a wide range of applications in physics and structural mechanics involving domains with singular perturbations of the boundary. Examples include perforated domains and bodies with

defects of different types. The accurate direct numerical treatment of such problems remains a challenge. Asymptotic approximations offer an alternative, efficient solution. Green's function is considered here as the main object of study rather than a tool for generating solutions of specific boundary value problems. The uniformity of the asymptotic approximations is the principal point of attention. We also show substantial links between Green's functions and solutions of boundary value problems for meso-scale structures. Such systems involve a large number of small inclusions, so that a small parameter, the relative size of an inclusion, may compete with a large parameter, represented as an overall number of inclusions. The main focus of the present text is on two topics: (a) asymptotics of Green's kernels in domains with singularly perturbed boundaries and (b) meso-scale asymptotic approximations of physical fields in non-periodic domains with many inclusions. The novel feature of these asymptotic approximations is their uniformity with respect to the independent variables. This book addresses the needs of mathematicians, physicists and engineers, as well as research students interested in asymptotic analysis and numerical computations for solutions to partial differential equations.