

1. Record Nr.	UNINA9910767527103321
Titolo	Numerical Methods and Applications : 6th International Conference, NMA 2006, Borovets, Bulgaria, August 20-24, 2006, Revised Papers // edited by Todor Boyanov, Stefka Dimova, Krassimir Georgiev, Geno Nikolov
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	1-280-86453-2 9786610864539 3-540-70942-8
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (XVI, 732 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 4310
Disciplina	518
Soggetti	Numerical analysis Algorithms Computer-aided engineering Mathematics - Data processing Mathematical physics Numerical Analysis Computer-Aided Engineering (CAD, CAE) and Design Computational Science and Engineering Theoretical, Mathematical and Computational Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"International Conference on Numerical Methods and Applications (ICNM&A 2006)"--Pref. Includes bibliographical references and index.
Nota di bibliografia	
Nota di contenuto	Invited Papers -- Numerical Methods for Hyperbolic Problems -- Robust Preconditioning Solution Methods -- Monte Carlo and Quasi-Monte Carlo for Diverse Applications -- Metaheuristics for Optimization Problems -- Uncertain/Control Systems and Reliable Numerics -- Interpolation and Quadrature Processes -- Large-Scale Computations in Environmental Modelling -- Contributed Talks.
Sommario/riassunto	This book constitutes the thoroughly refereed post-proceedings of the 6th International Conference on Numerical Methods and Applications, NMA 2006, held in Borovets, Bulgaria, in August 2006. The 84 revised

full papers presented together with 3 invited papers were carefully reviewed and selected from 111 submissions. The papers are organized in topical sections on numerical methods for hyperbolic problems, robust preconditioning solution methods, Monte Carlo and quasi-Monte Carlo for diverse applications, metaheuristics for optimization problems, uncertain/control systems and reliable numerics, interpolation and quadrature processes, large-scale computations in environmental modelling, and contributed talks.
