

1. Record Nr.	UNINA9910337568703321
Titolo	Finite Difference Methods. Theory and Applications : 7th International Conference, FDM 2018, Lozenetz, Bulgaria, June 11-16, 2018, Revised Selected Papers / / edited by Ivan Dimov, István Faragó, Lubin Vulkov
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-11539-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XVI, 688 p. 230 illus., 110 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11386
Disciplina	515.62
Soggetti	Algorithms Numerical analysis Computer science - Mathematics Discrete mathematics Mathematical statistics Numerical Analysis Discrete Mathematics in Computer Science Probability and Statistics in Computer Science Mathematical Applications in Computer Science Symbolic and Algebraic Manipulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Splitting techniques -- Green's function method -- Multigrid methods -- Immersed interface method.
Sommario/riassunto	This book constitutes the refereed conference proceedings of the 7th International Conference on Finite Difference Methods, FDM 2018, held in Lozenetz, Bulgaria, in June 2018. The 69 revised full papers presented together with 11 invited papers were carefully reviewed and selected from 94 submissions. They deal with many modern and new numerical techniques like splitting techniques, Green's function method, multigrid methods, and immersed interface method.