

1. Record Nr.	UNINA9910309664703321
Titolo	Domain Decomposition Methods in Science and Engineering XXIV // edited by Petter E. Bjørstad, Susanne C. Brenner, Lawrence Halpern, Hyea Hyun Kim, Ralf Kornhuber, Talal Rahman, Olof B. Widlund
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-93873-8
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (556 pages)
Collana	Lecture Notes in Computational Science and Engineering, , 2197-7100 ; ; 125
Disciplina	515.353
Soggetti	Mathematics - Data processing Differential equations Computer engineering Computer networks Computer science - Mathematics Computer simulation Computer-aided engineering Computational Mathematics and Numerical Analysis Differential Equations Computer Engineering and Networks Mathematics of Computing Computer Modelling Computer-Aided Engineering (CAD, CAE) and Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I Plenary Talks (PT) -- Part II Talks in Minisymposia (MT) -- Part III Contributed Talks and Posters (CT).
Sommario/riassunto	These are the proceedings of the 24th International Conference on Domain Decomposition Methods in Science and Engineering, which was held in Svalbard, Norway in February 2017. Domain decomposition methods are iterative methods for solving the often very large systems of equations that arise when engineering problems are discretized,

frequently using finite elements or other modern techniques. These methods are specifically designed to make effective use of massively parallel, high-performance computing systems. The book presents both theoretical and computational advances in this domain, reflecting the state of art in 2017.

---