1. Record Nr. UNISA990003537370203316

Autore	VAN COPPENOLLE, Renée
Titolo	Le rosaire / sonnets de soeur Renée Van Coppenolle ; dessins de soeur Marie Authelet
Pubbl/distr/stampa	Ottignies-Louvain-La-Neuve, : J. Dieu-Brichart, 1983
Descrizione fisica	47 p. : ill. ; 23 cm
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Livello bibliografico	Monografia

2. Record Nr. UNINA9910437910403321

Autore	Li Jinghai
Titolo	From Multiscale Modeling to Meso-Science : A Chemical Engineering Perspective / / by Jinghai Li, Wei Ge, Wei Wang, Ning Yang, Xinhua Liu, Limin Wang, Xianfeng He, Xiaowei Wang, Junwu Wang, Mooson Kwauk
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ISBN	3-642-35189-1
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Descrizione fisica	1 online resource (484 p.)
Disciplina	620 620.0011 620.00420285 620.1064
Soggetti	Fluid mechanics Chemical engineering Computational complexity Computer-aided engineering Energy systems Engineering Fluid Dynamics Industrial Chemistry/Chemical Engineering Complexity Computer-Aided Engineering (CAD, CAE) and Design Energy Systems

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Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Footprint and Profile -- Meso-scale Modeling—the EMMS Model for Gas-Solid Systems -- Verification of the EMMS model with pseudo-particle modeling -- Extension of the EMMS Model to Gas-Liquid Systems -- From EMMS Model to EMMS Paradigm -- Partial Realization of the EMMS Paradigm -- Complete Realization of the EMMS Paradigm -- Applications in Industry -- Academic Applications of EMMS-based Models -- Many-core Programming -- Software -- Experimental Characterization of Meso-scale Behaviors -- Perspectives: Meso-science and Virtual Process Engineering.
Sommario/riassunto	Multiscale modeling is becoming essential for accurate, rapid simulation in science and engineering. This book presents the results of three decades of research on multiscale modeling in process engineering from principles to application, and its generalization for different fields. This book considers the universality of meso-scale phenomena for the first time, and provides insight into the emerging discipline that unifies them, meso-science, as well as new perspectives for virtual process engineering. Multiscale modeling is applied in areas including: multiphase flow and fluid dynamics chemical, biochemical and process engineering mineral processing and metallurgical engineering energy and resources materials science and engineering Jinghai Li is Vice-President of the Chinese Academy of Sciences (CAS), a professor at the Institute of Process Engineering, CAS, and leader of the EMMS (Energy-minimization multiscale) Group. Wei Ge, Wei Wang, Ning Yang and Junwu Wang are professors at the EMMS Group, part of the Institute of Process Engineering, CAS. Xinhua Liu, Limin Wang, Xianfeng He and Xiaowei Wang are associate professors at the EMMS Group, part of the Institute of Process Engineering, CAS. Mooson Kwauk is an emeritus director of the Institute of Process Engineering, CAS, and is an advisor to the EMMS Group.