1. Record Nr. UNINA9911006995903321

Autore	Warrick Arthur W
Titolo	Soil water dynamics / / A. W. Warrick
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2003
ISBN	0-19-756135-7 1-280-83098-0 9786610830985 0-19-534411-1 1-60119-883-3 1-60119-264-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (416 p.)
Collana	Oxford scholarship online
Disciplina	631.4/32
Soggetti	Soil moisture - Mathematical models Groundwater flow - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 2003.
Nota di bibliografia	Includes bibliographical references (p. 369-382).
Nota di contenuto	Contents; Symbols and Abbreviations; 1. The Soil System; 2. Soil Water Flow; 3. Saturated Flow; 4. One-Dimensional Absorption; 5. One-Dimensional Infiltration and Vertical Flow; 6. Multidimensional Water Flow in Variably Saturated Soils; 7. Solute and Contaminant Transport; References; Index
Sommario/riassunto	'Soil Water Dynamics' presents a rigorous mathematical development of soil water and contaminant flow in variably saturated and saturated soils. Analytical and numerical methods are balanced: computer programs, among them MathCad and Fortran, are presented, and more than 150 practice and discussion questions are included.

2. Record Nr. UNINA9910767565103321

Titolo	Advances in Thermal Science and Energy : Proceedings of the 19th International Days on Thermal Science and Energy, JITH 2022, November 15–17, 2022, Tangier, Morocco / / edited by Fazia Ali-Toudert, Abdeslam Draoui, Kamel Halouani, Mohammed Hasnaoui, Abdelmajid Jemni, Lounès Tadrist
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031439346 3031439341
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (563 pages)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	333.7
Soggetti	Production engineering Renewable energy sources Thermodynamics Heat engineering Heat - Transmission Mass transfer Thermal Process Engineering Renewable Energy Engineering Thermodynamics, Heat and Mass Transfer
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Fundamental Developments in Thermal Transfers -- Renewable Energies and Thermal Storage -- Energy Efficiency in Industry, Building, Transport, and Agriculture.
Sommario/riassunto	This book covers advanced theories and methods in the field of heat and mass transfer, which are expected to improve thermal systems performance and energy efficiency. It reports on novel findings relating to a wide range of topics in industry, building, transportation and agriculture. Offering a good balance of fundamental and applied research, this book provides scientists, engineers and other professionals with a timely snapshot on advances in thermal science,

renewable energies and sustainable energy technologies. It also offers a source of inspiration for future research and collaborations.