

1. Record Nr.	UNINA990006208710403321
Autore	Mallet, Serge
Titolo	La nuova classe operaia : nuova edizione con un saggio sugli avvenimenti francesi del 1968 / Serge Mallet ; traduzione di Goffredo Fofi
Pubbl/distr/stampa	Torino : Einaudi, 1976
Edizione	[3. ed.]
Descrizione fisica	236 p. ; 19 cm
Collana	Piccola biblioteca Einaudi ; 144
Disciplina	335
Locazione	FGBC
Collocazione	COLLEZ. 239 (144)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA990007880810403321
Autore	Fine, Sara F.
Titolo	Il primo colloquio : coinvolgimento e relazione nelle professioni d'aiuto / Sara F. Fine, Paul H. Glasser
Pubbl/distr/stampa	Milano : McGraw-Hill libri Italia, 1999
ISBN	88-386-2723-1
Edizione	[edizione italiana]
Descrizione fisica	XIX, 199 p. ; 21 cm
Collana	Psicologia
Altri autori (Persone)	Glasser, Paul H.
Disciplina	155.28
Locazione	FLFBC
Collocazione	P.1 PCP 395
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr.	UNINA9910298385103321
Titolo	Transport and Reactivity of Solutions in Confined Hydrosystems // edited by Lionel Mercury, Niels Tas, Michael Zilberbrand
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2014
ISBN	94-007-7534-2
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XVII, 268 p. 98 illus., 34 illus. in color.)
Collana	NATO Science for Peace and Security Series C: Environmental Security, , 1874-6543
Disciplina	333.91
Soggetti	Environmental sciences Physics Water Hydrology Physical chemistry Nanoscience Physical geography Thermodynamics Environmental Physics Physical Chemistry Nanophysics Earth System Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Confined water in complex networks: unifying our understanding of pore water and solutes at all scales -- Interactions in water across interfaces: from nano to macro-scale perspective -- Theme 1: Flow, from nano- to mega-scale.-Confined water in carbon nanotubes and its applications -- Static and dynamic capillarity in silicon based nanochannels -- Confined water in saturated and non-saturated media: Infrared signature and thermodynamic properties -- Interchange of Infiltrating and Resident Water in Partially Saturated Media -- Impact of heterogeneity on evaporation from bare soils -- Theme 2: Ions, Hydration and Transport -- Enhanced Ion Transport in

2-nm Silica Nanochannels -- Ionic and Molecular Transport through Graphene Membranes -- Molecular structure and dynamics of molecular water: computer simulations of aqueous species in clay, cement, and polymer membranes -- Two generalizations of the theory of seismoelectric effect: Parameterization providing suitability of Frenkel's theory for any geometry of soil's pore space. The role of thermoosmosis in seismoelectric effect -- Theme 3. In-channels/pores cavitation -- Evaporation-Induced Cavitation in Nanofluidic channels: Dynamics and Origin -- Electrocavitation in nanochannels -- Stability and negative pressure in bulk and confined liquids -- Experimental superheating and cavitation of water and solutions at spinodal-like negative pressures -- Plant water transport and cavitation -- Theme 4: Crystallization under confinement -- Crystal growth and phase equilibria in porous materials -- Shaping the interface - interactions between confined water and the confining solid -- Geochemistry of capillary hydrogeochemical systems in arid environments -- Evaporation from a porous medium in the presence of salt crystallization -- Micro-CT analysis to explore salt precipitation impact on porous media permeability -- Reactive Transport in Heterogeneous Media -- Extraction of water from the atmosphere in arid areas by employing composites "a salt inside a porous matrix".

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### Sommario/riassunto

The present work reflects a multi-disciplinary effort to address the topic of confined hydrosystems developed with a cross-fertilization panel of physics, chemists, biologists, soil and earth scientists. Confined hydrosystems include all situations in natural settings wherein the extent of the liquid phase is limited so that the solid-liquid and/or liquid-air interfaces may be critical to the properties of the whole system. Primarily, this so-called "residual" solution is occluded in pores/channels in such a way that decreases its tendency to evaporation, and makes it long-lasting in arid (Earth deserts) and hyper-arid (Mars soils) areas. The associated physics is available from domains like capillarity, adsorption and wetting, and surface forces. However, many processes are still to understand due to the close relationship between local structure and matter properties, the subtle interplay between the host and the guest, the complex intermingling among static reactivity and migration pathway. Expert contributors from Israel, Russia, Europe and US discuss the behaviour of water and aqueous solutes at different scale, from the nanometric range of carbon nanotubes and nanofluidics to the regional scale of aquifers reactive flow in sedimentary basins. This scientific scope allowed the group of participants with very different background to tackle the confinement topic at different scales. The book is organized according to four sections that include: i) flow, from nano- to mega-scale; ii) ions, hydration and transport; iii) in-pores/channels cavitation; iv) crystallization under confinement. Most of contributions relates to experimental works at different resolution, interpreted through classic thermodynamics and intermolecular forces. Simulation techniques are used to explore the atomic scale of interfaces and the migration in the thinnest angstrom-wide channels.

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