1. Record Nr. UNINA990001013510403321

Autore	Piran, T.
Titolo	Physics in Higher Dimensions / Edited by T. Piran and S. Weinberg
Pubbl/distr/stampa	Jerusalem : World Scientific, 1986
ISBN	9971-50-154-6
Disciplina	539.72539.73
Locazione	FI1
Collocazione	33-294.001
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	In testa al front. Jerusalem Winter School for Theoretical Physics

2. Record Nr. UNINA9911020324503321

Titolo	Environmental colloids and particles : behaviour, separation and characterisation / / edited by Kevin J. Wilkinson, Jamie R. Lead
Pubbl/distr/stampa	Chichester, England ; ; Hoboken, NJ, : John Wiley & Sons Ltd, 2007
ISBN	9786610739523 9781280739521 1280739525 9780470024331 047002433X 9780470024539 0470024534
Descrizione fisica	1 online resource (707 p.)
Collana	IUPAC series on analytical and physical chemistry of environmental systems ; ; v. 10
Altri autori (Persone)	WilkinsonKevin J LeadJamie R
Disciplina	541/.345
Soggetti	Colloids Water chemistry Nanoparticles - Environmental aspects
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Environmental colloids and particles : current knowledge and future developments -- Colloidal properties of submicron particles in natural waters -- Colloid-trace element interactions in aquatic systems -- Ultrafiltration and its application to sampling and characterization of aquatic colloids -- Characterization of aquatic colloids and macromolecules by field-flow fractionation -- Modern electrophoretic techniques for the characterization of natural organic matter -- Electrophoresis of soft colloids : basic principles and applications -- Strategies and advances in the characterisation of environmental colloids by electron microscopy -- Force microscopy and force measurements of environmental colloids -- Laser scanning microscopy for microbial flocs and particles -- Study of environmental systems by means of fluorescence correlation spectroscopy -- Laser-induced breakdown detection -- Probing environmental colloids and particles with x-rays.
Sommario/riassunto	This text presents the current knowledge of environmental colloids and includes reviews of the current understanding of structure, role and behaviour of environmental colloids and particles, whilst focussing directly on aquatic systems and soils. In addition, there is substantial critical assessment of the techniques employed for the sampling, size fractionation and characterisation of colloids and particles. Chemical, physical and biological processes and interactions involving colloids are described, and particular attention is paid to quantitative approaches that take account of particle he