1. Record Nr. UNIPARTHENOPE000021781

Autore	McKim, Robert H.
Titolo	Experiences in visual thinking / Robert H. McKim
Pubbl/distr/stampa	Boston : PWS engineering, 1980
Titolo uniforme	Experiences in visual thinking
ISBN	0818504110
Edizione	[2nd ed.]
Descrizione fisica	XIII, 183 p. : ill. ; 21x28 cm
Disciplina	153
Collocazione	S 153/26
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNISA996466821403316

Titolo	Integrability of Nonlinear Systems [[electronic resource] /] / edited by Yvette Kosmann-Schwarzbach, Basil Grammaticos, K.M. Tamizhmani
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
ISBN	3-540-40962-9
Edizione	[1st ed. 2004.]
Descrizione fisica	1 online resource (XII, 340 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 638
Disciplina	530.15/18
Soggetti	Physics Differential equations Partial differential equations Statistical physics Dynamical systems Mathematical Methods in Physics Ordinary Differential Equations Partial Differential Equations Complex Systems Statistical Physics and Dynamical Systems

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Nonlinear Waves, Solitons, and IST (M.J. Ablowitz) -- Integrability - - and How to Detect it (B. Grammaticos, A. Ramani) -- Introduction to the Hirota Bilinear Method (J. Hietarinta) -- Lie Bialgebras, Poisson Lie Groups, and Dressing Transformations (Y. Kosmann-Schwarzbach) -- Analytic and Asymptotic Methods for Nonlinear Singularity Analysis: A Review and Extensions of Tests for the Painlevé Property (M.D. Kruskal, N. Joshi, R. Halburd) -- Eight Lectures on Integrable Systems (F. Magri, P. Casati, G. Falqui, M. Pedroni) -- Bilinear Formalism in Soliton Theory (J. Satsuma) -- Quantum and Classical Integrable Systems (M.A. Semenov-Tian-Shansky).
Sommario/riassunto	The lectures that comprise this volume constitute a comprehensive survey of the many and various aspects of integrable dynamical systems. The present edition is a streamlined, revised and updated version of a 1997 set of notes that was published as Lecture Notes in Physics, Volume 495. This volume will be complemented by a companion book dedicated to discrete integrable systems. Both volumes address primarily graduate students and nonspecialist researchers but will also benefit lecturers looking for suitable material for advanced courses and researchers interested in specific topics.

3. Record Nr. UNICAMPANIAVAN0268163

Autore	Sobell, Mark B.
Titolo	Behavioral Treatment of Alcohol Problems : Individualized Therapy and Controlled Drinking / Mark B. Sobell, Linda C. Sobell
Pubbl/distr/stampa	New York, : Plenum, 1978
Descrizione fisica	xv, 225 p. : ill. ; 24 cm
Altri autori (Persone)	Sobell, Linda C.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

4. Record Nr. UNINA9910404089603321

Autore	Hardiman Gary
Titolo	Systems Analytics and Integration of Big Omics Data
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2020
ISBN	3-03928-745-1
Descrizione fisica	1 online resource (202 p.)
Soggetti	Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	A "genotype"" is essentially an organism's full hereditary information which is obtained from its parents. A ""phenotype"" is an organism's actual observed physical and behavioral properties. These may include traits such as morphology, size, height, eye color, metabolism, etc. One of the pressing challenges in computational and systems biology is genotype-to-phenotype prediction. This is challenging given the amount of data generated by modern Omics technologies. This "Big

Data" is so large and complex that traditional data processing applications are not up to the task. Challenges arise in collection, analysis, mining, sharing, transfer, visualization, archiving, and integration of these data. In this Special Issue, there is a focus on the systems-level analysis of Omics data, recent developments in gene ontology annotation, and advances in biological pathways and network biology. The integration of Omics data with clinical and biomedical data using machine learning is explored. This Special Issue covers new methodologies in the context of gene-environment interactions, tissue-specific gene expression, and how external factors or host genetics impact the microbiome.