

1. Record Nr.	UNINA9910780066203321
Titolo	Perspectives on object-centered learning in museums // editor, Scott G. Paris
Pubbl/distr/stampa	Mahwah, N.J. : , : Lawrence Erlbaum Associates, , 2002 ©2002
ISBN	1-135-64527-2 1-135-64528-0 1-4106-0413-6 9786613241351 1-283-24135-8
Descrizione fisica	1 online resource (xxii, 383 pages) : illustrations
Altri autori (Persone)	ParisScott G. <1946->
Disciplina	069/.15
Soggetti	Children's museums - Educational aspects Learning, Psychology of Active learning Object-teaching
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Machine generated contents note: Foreword -- Preface -- Acknowledgments -- List of Contributors -- Part I Studying Learning with Objects in Contexts -- 1 The Role of Context in Children's Learning From Objects -- and Experiences -- Lynn Dierking -- 2 The Role of Objects in Active, Distributed Meaning-Making -- Shawn Rowe -- 3 Children Learning with Objects in Informal Learning -- Environments -- Scott G. Paris and Susanna E. Hapgood -- 4 The Authentic Object? A Child's-Eye View -- E. Margaret Evans, Melinda S. Mull, and -- DevereauxA. Poling -- 5 When the Object is Digital: Properties of Digital Surrogate -- Objects and Implications for Learning -- C Olivia Frost -- 6 Through the Garden Gate: Objects and Informal Education -- for Environmental and Cultural Awareness in Arboreta and -- Botanic Gardens -- David C Michener and IngerJ. Schultz -- 7 Epistemological Issues about Objects -- James VWertsch -- Part II Discipline-Based Explorations of Objects -- 8 Learning With, Through,

and About Art: The Role of -- Social Interactions -- Barbara Piscitelli  
and Katrina Weier -- 9 Placing Objects Within Disciplinary Perspectives:  
Examples -- From History and Science -- Robert Bain and Kirsten M.  
Ellenbogen -- 10 Fostering an Investigatory Stance: Using Text to  
Mediate -- Inquiry with Museum Objects -- Susanna E. Hapgood  
and Annemarie Sullivan Palincsar -- 11 Objects and Learning:  
Understanding Young Children's -- Interaction with Science Exhibits --  
Leonie J Rennie and Terence P McClafferty -- 12 Reading Objects --  
Christina E. van Kraayenoord and Scott G. Paris -- 13 Cloaking Objects  
in Epistemological Practices -- Leona Schauble -- Part m Conversations  
About Objects -- 14 Object-Based Learning and Family Groups --  
Minda Borun -- 15 Maps, Globes, and Videos: Parent-Child  
Conversations -- About Representational Objects -- Maureen A.  
Callanan, Jennifer L. Jipson, and -- Monika Stampf Soennichsen -- 16  
Pathways Among Objects and Museum Visitors -- Kristine A. Morrissey  
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Museums -- Gaea Leinhardt and Kevin Crowley -- 18 Leveling the  
Playing Field Through Object-Based -- Service Learning -- DeAnna  
Banks Beane and Myla Shanae Pope -- 19 The Object of Experience --  
Sally Duensing -- Author Index -- Subject Index.

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2. Record Nr.	UNINA9910254293703321
Titolo	Big and Complex Data Analysis : Methodologies and Applications / / edited by S. Ejaz Ahmed
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-41573-5
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIV, 386 p. 85 illus., 55 illus. in color.)
Collana	Contributions to Statistics, , 2628-8966
Disciplina	005.7
Soggetti	Statistics Mathematical statistics - Data processing Quantitative research Biometry Data mining Statistical Theory and Methods Statistics and Computing Data Analysis and Big Data Biostatistics Data Mining and Knowledge Discovery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface -- Introduction -- Unsupervised Bump Hunting Using Principal Components -- Statistical Process Control Charts as a Tool for Analyzing Big Data -- Empirical Likelihood Test for High Dimensional Generalized Linear Models -- Identifying gene-environment interactions associated with prognosis using penalized quantile regression -- A Computationally Efficient Approach for Modeling Complex and Big Survival Data -- Regularization after marginal learning for ultra-high dimensional regression models -- Tests of concentration for low-dimensional and high-dimensional directional data -- Random Projections For Large-Scale Regression -- How Different are Estimated Genetic Networks of Cancer Subtypes? -- Analysis of correlated data with error-prone response under generalized linear mixed models -- High-Dimensional Classification

for Brain Decoding -- Optimal shrinkage estimation in heteroscedastic hierarchical linear models -- Bias-reduced moment estimators of Population Spectral Distribution and their applications -- Testing in the Presence of Nuisance Parameters: Some Comments on Tests Post-Model-Selection and Random Critical Values -- A Mixture of Variance-Gamma Factor Analyzers -- Fast Community Detection in Complex Networks with a K-Depths Classifier.

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## Sommario/riassunto

This volume conveys some of the surprises, puzzles and success stories in high-dimensional and complex data analysis and related fields. Its peer-reviewed contributions showcase recent advances in variable selection, estimation and prediction strategies for a host of useful models, as well as essential new developments in the field. The continued and rapid advancement of modern technology now allows scientists to collect data of increasingly unprecedented size and complexity. Examples include epigenomic data, genomic data, proteomic data, high-resolution image data, high-frequency financial data, functional and longitudinal data, and network data. Simultaneous variable selection and estimation is one of the key statistical problems involved in analyzing such big and complex data. The purpose of this book is to stimulate research and foster interaction between researchers in the area of high-dimensional data analysis. More concretely, its goals are to: 1) highlight and expand the breadth of existing methods in big data and high-dimensional data analysis and their potential for the advancement of both the mathematical and statistical sciences; 2) identify important directions for future research in the theory of regularization methods, in algorithmic development, and in methodologies for different application areas; and 3) facilitate collaboration between theoretical and subject-specific researchers.

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