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Titolo	Complex Datasets and Inverse Problems: Tomography, Networks and Beyond
Pubbl/distr/stampa	[Place of publication not identified], : Institute of Mathematical Statistics, 2007
Descrizione fisica	1 online resource (viii, 273 pages) : illustrations
Collana	Lecture notes-monograph series ; ; 54
Disciplina	515.357
Soggetti	Inverse problems (Differential equations)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Deconvolution by simulation -- An iterative tomogravity algorithm for the estimation of network traffic -- Statistical inverse problems in active network tomography -- Network tomography based on 1-D projections -- Using data network metrics, graphics, and topology to explore network characteristics -- A flexible Bayesian generalized linear model for dichotomous response data with an application to text categorization -- Estimating the proportion of differentially expressed genes in comparative DNA microarray experiments -- Functional analysis via extensions of the band depth -- A representative sampling plan for auditing health insurance claims -- Confidence distribution (CD) -- distribution estimator of a parameter -- Empirical Bayes methods for controlling the false discovery rate with dependent data -- A smoothing model for sample disclosure risk estimation -- A note on the U, V method of estimation -- Local polynomial regression on unknown manifolds -- Shape restricted regression with random Bernstein polynomials -- Non- and semi-parametric analysis of failure time data with missing failure indicators -- Nonparametric estimation of a distribution function under biased sampling and censoring -- Estimating a Polya frequency function 2 -- A comparison of the accuracy of saddlepoint conditional cumulative distribution function approximations -- Multivariate medians and measure-symmetrization -- Statistical thinking: From Tukey to Vardi and beyond.
Sommario/riassunto	This book is a collection of papers dedicated to the memory of Yehuda

Vardi. Yehuda was the chair of the Department of Statistics of Rutgers University when he passed away unexpectedly on January 13, 2005.
