1.	Record Nr.	UNINA9910782297603321
	Autore	Sivia D. S
	Titolo	Data analysis [[electronic resource]] : a Bayesian tutorial / / D.S. Sivia with J. Skilling
	Pubbl/distr/stampa	Oxford, : Oxford University Press, 2006
	ISBN	1-383-02981-4
		1-281-34138-X
		0-19-154670-4
	Edizione	[2nd ed.]
	Descrizione fisica	1 online resource (259 p.)
	Collana	Oxford science publications
	Altri autori (Persone)	SkillingJ (John)
	Disciplina	519.5
	Soggetti	Maximum entropy method
		Maximum principles (Mathematics)
		Engineering mathematics
		Science - Mathematics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Previous ed.: 1996.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Contents; PART I: THE ESSENTIALS; 1. The basics; 2. Parameter estimation I; 3. Parameter estimation II; 4. Model selection; 5. Assigning probabilities; PART II: ADVANCED TOPICS; 6. Non-parametric estimation; 7. Experimental design; 8. Least-squares extensions; 9. Nested sampling; 10. Quantification; A. Gaussian integrals; B. Cox's derivation of probability; Bibliography; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; X
	Sommario/riassunto	One of the strengths of this book is the author's ability to motivate the use of Bayesian methods through simple yet effective examples. - Katie St. Clair MAA Reviews