

1. Record Nr.	UNINA9910826269903321
Autore	Berendsen Herman J. C.
Titolo	A student's guide to data and error analysis / / Herman J.C. Berendsen [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-107-08342-7 1-107-21310-X 1-283-11090-3 1-139-07527-6 9786613110909 0-511-92124-1 1-139-08209-4 1-139-07753-8 1-139-07982-4 1-139-06950-0
Descrizione fisica	1 online resource (xii, 225 pages) : digital, PDF file(s)
Classificazione	TEC009000
Disciplina	511/.43
Soggetti	Error analysis (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di contenuto	Part I. Data and Error Analysis: 1. Introduction; 2. The presentation of physical quantities with their inaccuracies; 3. Errors: classification and propagation; 4. Probability distributions; 5. Processing of experimental data; 6. Graphical handling of data with errors; 7. Fitting functions to data; 8. Back to Bayes: knowledge as a probability distribution; Answers to exercises -- Part II. Appendices: A1. Combining uncertainties; A2. Systematic deviations due to random errors; A3. Characteristic function; A4. From binomial to normal distributions; A5. Central limit theorem; A6. Estimation of the variance; A7. Standard deviation of the mean; A8. Weight factors when variances are not equal; A11. Least squares fitting -- Part III. Python codes -- Part IV. Scientific data.
Sommario/riassunto	All students taking laboratory courses within the physical sciences and engineering will benefit from this book, whilst researchers will find it an

invaluable reference. This concise, practical guide brings the reader up-to-speed on the proper handling and presentation of scientific data and its inaccuracies. It covers all the vital topics with practical guidelines, computer programs (in Python), and recipes for handling experimental errors and reporting experimental data. In addition to the essentials, it also provides further background material for advanced readers who want to understand how the methods work. Plenty of examples, exercises and solutions are provided to aid and test understanding, whilst useful data, tables and formulas are compiled in a handy section for easy reference.

2. Record Nr.	UNINA9910496141703321
Autore	Greenberg Moshe
Titolo	Biblical prose prayer : as a window to the popular religion of ancient Israel / / Moshe Greenberg [[electronic resource]]
Pubbl/distr/stampa	Berkeley, : University of California Press, c1983
ISBN	0-585-28104-1
Descrizione fisica	1 online resource (viii, 66 p. )
Collana	Taubman lectures in Jewish studies ; ; [1]
Disciplina	248.3
Soggetti	Prayer - Biblical teaching Criticism, interpretation, etc.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographicl references and index.
Nota di contenuto	The uniqueness of prose prayer as a humanly instituted mode of communication between man and God ; the relation of form and content in petitionary prayers -- The social analogy; confessing guilt and confessional prayer; thanksgiving -- Spontaneity vs. prescription in prayer; the validity of the evidence; lines of further inquiry; implications for the "higher" religion of the Hebrew Scriptures.