

1. Record Nr.	UNINA990000003470403321
Autore	Brini, Domenico
Titolo	Guida alla risoluzione dei problemi di fisica / D. Brini, O. Rimondi, P. Veronesi
Pubbl/distr/stampa	Bologna : Pàtron, 1969
Edizione	[3. ed.]
Descrizione fisica	2 v. ; 22 cm
Altri autori (Persone)	Rimondi, Otello Veronesi, Protogene
Disciplina	530
Locazione	FINBC DETEC
Collocazione	13 B 32 19 13 B 21 30 00 L1390(1/2) 00 L1390(2/2)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNIBAS000011254
Autore	Dicks, Warren
Titolo	Gropups acting on graphs / Werren Dicks, M. J. Dunwoody
Pubbl/distr/stampa	Cambridge [etc.] : Cambridge University Press, 1989
ISBN	0-521-23033-0
Descrizione fisica	XVI, 283 p. ; 24 cm.
Collana	Cambridge studies in advanced mathematics ; 17
Altri autori (Persone)	Dunwoody, M. J.
Disciplina	511.5 512.2
Soggetti	Teoria dei gruppi Grafì
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr.	UNINA9910141414903321
Autore	Searle S. R (Shayle R.), <1928->
Titolo	Linear models [[electronic resource] /] / S. R. Searle
Pubbl/distr/stampa	New York, : Wiley, c1997
ISBN	1-283-59289-4 9786613905345 1-118-49178-5 1-118-49176-9 1-118-49177-7
Descrizione fisica	1 online resource (560 p.)
Collana	Wiley classics library
Disciplina	519.5 519.538
Soggetti	Linear models (Statistics) Statistics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Linear Models; Contents; 1. Generalized Inverse Matrices; 1. Introduction; a. Definition and existence; b. An algorithm; 2. Solving linear equations; a. Consistent equations; b. Obtaining solutions; c. Properties of solutions; 3. The Penrose inverse; 4. Other definitions; 5. Symmetric matrices; a. Properties of a generalized inverse; b. Two methods of derivation; 6. Arbitrariness in a generalized inverse; 7. Other results; 8. Exercises; 2. Distributions and Quadratic Forms; 1. Introduction; 2. Symmetric matrices; 3. Positive definiteness; 4. Distributions; a. Multivariate density functions b. Momentsc. Linear transformations; d. Moment generating functions; e. Univariate normal; f. Multivariate normal; (i) Density function; (ii) Aitken's integral; (iii) Moment generating function; (iv) Marginal distributions; (v) Conditional distributions; (vi) Independence; g. Central 2, F and t; h. Non-central 2; i. Non-central F; j . Other non-central distributions; 5. Distribution of quadratic forms; a. Cumulants; b. Distributions; c. Independence; 6. Bilinear forms; 7. The singular normal distribution; 8. Exercises; 3. Regression, or the Full Rank Model;

1. Introduction; a. The model
 b. Observationsc. Estimation; d. Example; e. The general case of k x-variables; f. Example (continued); g. Intercept and no-intercept models; h. Example (continued); 2. Deviations from means; 3. Four methods of estimation; a. Ordinary least squares; b. Generalized least squares; c. Maximum likelihood; d. The best linear unbiased estimator (b.l.u.e.); 4. Consequences of estimation; a. Unbiasedness; b. Variances; c. Estimating $E(y)$; d. Residual error sum of squares; e. Estimating the residual error variance; f. Partitioning the total sum of squares; g. Multiple correlation
 h. Example (continued)5. Distributional properties; a. y is normal; b. b is normal; c. b and 2 are independent; d. $SSE/2$ has a 2-distribution; e. Non-central 2's; f. F-distributions; g. Analyses of variance; h. Pure error; i. Tests of hypotheses; j. Example (continued); k. Confidence intervals; l. Example (continued); 6. The general linear hypothesis; a. Testing linear hypotheses; b. Estimation under the null hypothesis; c. Four common hypotheses; (i) $H: b = 0$; (ii) $H: b = b_0$; (iii) $H: b = m$; (iv) $H: b_0 = 0$; d. Reduced models; (i) $K'b = m$; (ii) $K'b = 0$; (iii) $b_0 = 0$; 7. Related topics
 a. The likelihood ratio testb. Type I and II errors; c. The power of a test; d. Examining residuals; 8. Summary of regression calculations; 9. Exercises; 4. Introducing Linear Models: Regression on Dummy Variables; 1. Regression on allocated codes; a. Allocated codes; b. Difficulties and criticism; c. Grouped variables; d. Unbalanced data; 2. Regression on dummy (0, 1) variables; a. Factors and levels; b. The regression; 3. Describing linear models; a. A 1-way classification; b. A 2-way classification; c. A 3-way classification; d. Main effects and interactions; (i) Main effects
 (ii) Interactions

Sommario/riassunto

This 1971 classic on linear models is once again available--as a Wiley Classics Library Edition. It features material that can be understood by any statistician who understands matrix algebra and basic statistical methods.