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Autore	Searle S. R (Shayle R.), <1928->
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Lingua di pubblicazione	Inglese
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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-
 vartables; 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) $H: b_q = 0$; d. Reduced models; (i) $K'b = m$; (ii) $K'b = 0$;
 (iii) $b_q = 0$; 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.

2. Record Nr.	UNISALENTO991002309219707536
Autore	Calvi, Alessandro Alberto
Titolo	Sfruttamento della prostituzione / Alessandro Alberto Calvi
Pubbl/distr/stampa	Padova : CEDAM, 1970
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Classificazione	PEN-XXIV/A
Disciplina	343
Soggetti	Sfruttamento di prostitute
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