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Nota di contenuto	Contents -- Preface -- Kiefer-complete Classes of Designs for Cubic Mixture Models -- Some Algebraic Methods in Semi-Markov Chains -- Self-avoiding Generating Sequences for Fourier Lattice Designs -- Weakly Invariant Designs, Rotatable Designs and Polynomial Designs -- Geometry of Diagonal-effect Models for Contingency Tables -- Statistical Topology via Morse Theory Persistence and Nonparametric Estimation -- Convolution Products of Probability Measures on a Compact Semigroup with Applications to Random Measures -- A Kernel Smoothing Approach to Censored Preference Data -- Combining Statistical Models -- Algebraic Statistics for a Directed Random Graph Model with Reciprocation -- Regular Fractions and Indicator Polynomials -- Dihedral Fourier Analysis -- On a Class of Singular Nonsymmetric Matrices with Nonnegative Integer Spectra -- Some Hypothesis Tests for Wishart Models On Symmetric Cones.