1. Record Nr. UNINA9910458786003321 Autore Agarwal B. L Titolo Statistical analysis of quantitative genetics [[electronic resource] /] / B. L. Agarwal, S.P. Agarwal New Delhi, : New Age International, c2007 Pubbl/distr/stampa **ISBN** 1-282-45034-4 9786612450341 81-224-2929-7 Descrizione fisica 1 online resource (252 p.) Altri autori (Persone) AgarwalS. P Soggetti Quantitative genetics - Statistical methods Genetics - Statistical methods Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. ""Cover ""; ""Preface ""; ""Contents ""; ""Chapter 1 Basics of Genetics ""; Nota di contenuto ""1.1 Preliminaries ""; ""1.2 Fundamentals of Genetics ""; ""1.3 Probability and Heredity ""; ""1.4 Ascertainment of Hybrid Ratios ""; ""1.5 Crossing Over ""; ""1.6 Statistical Tests for Segregation and Linkage ""; ""1.7 Multiple-Gene Heredity or Additive Gene Effects ""; ""1.8 Interaction of Genes "": ""Questions and Exercises "": ""Chapter 2. Path Analysis""; ""2.1 Definition of Path Coefficient ""; ""2.2 Correlation Between two Effects Via Causative Variables ""; ""2.3 Path Coefficient-A Different Outlook "" ""2.4 Some Practical Considerations in Path Analysis """"2.5 Path Coefficient From Uniting Gametes to Zygote ""; ""2.6 Path Coefficients Determined From Zygote to Gamete ""; ""2.7 Tracing A Pathdiagram ""; ""Questions and Exercises ""; ""Chapter 3. Heritability and Repeatability ""; ""3.1 Heritability ""; ""3.2 Determination of h2 ""; ""3.3 Regression of Offspring on Mid-Parent ""; ""3.4 Full-Sib Analysis in Animals ""; ""3.5 Half-SIB Analysis ""; ""3.6 Intra-Sire Regression ""; ""3.7 Estimation of Repeatability ""; ""3.8 Sanders` Correction in Lactations Milk Yields ""

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