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| 1. Record Nr.           | UNINA9910830128703321  |
| Autore                  | Dey Alope  |
| Titolo                  | Fractional factorial plans [[electronic resource] /] / Alope Dey, Rahul Mukerjee   |
| Pubbl/distr/stampa      | New York, : Wiley, c1999   |
| ISBN                    | 1-282-30739-8<br>9786612307393<br>0-470-31698-5<br>0-470-31782-5   |
| Descrizione fisica      | 1 online resource (236 p.)   |
| Collana                 | Wiley series in probability and statistics Probability and statistics section  |
| Altri autori (Persone)  | MukerjeeRahul  |
| Disciplina              | 519.5<br>519.5354  |
| Soggetti                | Experimental design<br>Factorial experiment designs  |
| 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.   |
| Nota di contenuto       | Fractional Factorial Plans; Contents; Preface; 1. Introduction; 1.1 Introductory Remarks, 1; 1.2 Preliminary Ideas, 2; 1.3 Scope of the Book, 5; 2. Fractional Plans and Orthogonal Arrays; 2.1 Introduction, 7; 2.2 Kronecker Notation, 7; 2.3 Fractional Factorial Plans, 11; 2.4 Concept of Resolution, 18; 2.5 Optimality Criteria, 20; 2.6 Role of Orthogonal Arrays, 23; Exercises, 30; 3. Symmetric Orthogonal Arrays; 3.1 Introduction, 32; 3.2 Orthogonal Arrays and Hadamard Matrices, 32; 3.3 Foldover Technique, 34; 3.4 Use of Galois Fields, 36; 3.5 Method of Differences, 40<br>3.6 Some Further Results, 46Exercises, 47; 4. Asymmetric Orthogonal Arrays; 4.1 Introduction, 48; 4.2 Collapsing and Replacement Procedures, 48; 4.3 Use of Hadamard Matrices, 50; 4.4 Use of Difference Matrices, 56; 4.5 Use of Resolvable Arrays, 60; 4.6 More on the Method of Grouping, 66; 4.7 Arrays of Higher Strength, 68; Exercises, 74; 5. Some Results on Nonexistence; 5.1 Introduction, 75; 5.2 Bose-Bush Approach, 75; 5.3 Linear Programming and Other Bounds, 79; 5.4 On the Tight and Nearly Tight Cases, 84; Exercises, 93; |

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Sommario/riassunto

A one-stop reference to fractional factorials and related orthogonal arrays. Presenting one of the most dynamic areas of statistical research, this book offers a systematic, rigorous, and up-to-date treatment of fractional factorial designs and related combinatorial mathematics. Leading statisticians Alok Dey and Rahul Mukerjee consolidate vast amounts of material from the professional literature--expertly weaving fractional replication, orthogonal arrays, and optimality aspects. They develop the basic theory of fractional factorials using the calculus of factorial arrangements, thereb

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