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| 1. Record Nr.           | UNINA9911092072703321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Autore                  | Aslanian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Titolo                  | From the Indian Ocean to the Mediterranean : the global trade networks of Armenian merchants from New Julfa / / by Sebouh David Aslanian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pubbl/distr/stampa      | Berkeley, : University of California Press, 2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ISBN                    | 9786613277312<br>9781283277310<br>128327731X<br>9780520947573<br>0520947576                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Edizione                | [1.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Descrizione fisica      | 1 online resource (389 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Collana                 | The California world history library ; ; 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Altri autori (Persone)  | Sebouh David                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Disciplina              | 382.089/9199205595                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Soggetti                | Merchants - Armenia - History<br>Julfa (Isfahan, Iran) Commerce History Sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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       | Frontmatter -- Contents -- Illustrations -- Acknowledgments -- Preface -- Note on Transliteration -- 1. From Trade Diasporas to Circulation Societies -- 2. Old Julfa, the Great Deportations, and the Founding of New Julfa -- 3. The Julfan Trade Network I: The World of the Indian Ocean -- 4. The Julfan Trade Network II: The Mediterranean, Northwestern European, and Russian Networks -- 5. "The salt in a merchant's letter": Business Correspondence and the Courier System -- 6. The Circulation of Men and Credit: The Commenda and the Family Firm -- 7. Trust, Social Capital, and Networks: Informal and Semiinformal Institutions at Work -- 8. The Center Cannot Hold: The Decline and Collapse of the Julfan Trade Network215 -- 9. Conclusion: Comparative Thoughts on Julfan Armenians, Multani Indians, and Sephardic Jews -- Notes -- Bibliography -- Index |
| Sommario/riassunto      | Drawing on a rich trove of documents, including correspondence not seen for 300 years, this study explores the emergence and growth of a remarkable global trade network operated by Armenian silk merchants from a small outpost in the Persian Empire. Based in New Julfa, Isfahan, in what is now Iran, these merchants operated a network of commercial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

settlements that stretched from London and Amsterdam to Manila and Acapulco. The New Julfan Armenians were the only Eurasian community that was able to operate simultaneously and successfully in all the major empires of the early modern world-both land-based Asian empires and the emerging sea-borne empires-astonishingly without the benefits of an imperial network and state that accompanied and facilitated European mercantile expansion during the same period. This book brings to light for the first time the trans-imperial cosmopolitan world of the New Julfans. Among other topics, it explores the effects of long distance trade on the organization of community life, the ethos of trust and cooperation that existed among merchants, and the importance of information networks and communication in the operation of early modern mercantile communities.

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| 2. Record Nr.           | UNINA9911150688203321                                                                                                                                                                                                                                                                                                                                                                                         |
| Autore                  | Lint Jacobus Hendricus van <1932->                                                                                                                                                                                                                                                                                                                                                                            |
| Titolo                  | Introduction to Coding Theory / / by J.H. van Lint                                                                                                                                                                                                                                                                                                                                                            |
| Pubbl/distr/stampa      | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1992                                                                                                                                                                                                                                                                                                                          |
| ISBN                    | 3-662-00174-8                                                                                                                                                                                                                                                                                                                                                                                                 |
| Edizione                | [2nd ed. 1992.]                                                                                                                                                                                                                                                                                                                                                                                               |
| Descrizione fisica      | 1 online resource (XII, 186 p. 11 illus.)                                                                                                                                                                                                                                                                                                                                                                     |
| Collana                 | Graduate Texts in Mathematics, , 2197-5612 ; ; 86                                                                                                                                                                                                                                                                                                                                                             |
| Classificazione         | 94A24                                                                                                                                                                                                                                                                                                                                                                                                         |
| Disciplina              | 512.7                                                                                                                                                                                                                                                                                                                                                                                                         |
| Soggetti                | Number theory<br>Discrete mathematics<br>Number Theory<br>Discrete Mathematics                                                                                                                                                                                                                                                                                                                                |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                            |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                    |
| Note generali           | Bibliographic Level Mode of Issuance: Monograph                                                                                                                                                                                                                                                                                                                                                               |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                |
| Nota di contenuto       | 1 Mathematical Background -- 1.1. Algebra -- 1.2. Krawtchouk Polynomials -- 1.3. Combinatorial Theory -- 1.4. Probability Theory -- 2 Shannon's Theorem -- 2.1. Introduction -- 2.2. Shannon's Theorem -- 2.3. Comments -- 2.4. Problems -- 3 Linear Codes -- 3.1. Block Codes -- 3.2. Linear Codes -- 3.3. Hamming Codes -- 3.4. Majority Logic Decoding -- 3.5. Weight Enumerators -- 3.6. Comments -- 3.7. |

Problems -- 4 Some Good Codes -- 4.1. Hadamard Codes and Generalizations -- 4.2. The Binary Golay Code -- 4.3. The Ternary Golay Code -- 4.4. Constructing Codes from Other Codes -- 4.5. Reed-Muller Codes -- 4.6. Kerdock Codes -- 4.7. Comments -- 4.8. Problems -- 5 Bounds on Codes -- 5.1. Introduction: The Gilbert Bound -- 5.2. Upper Bounds -- 5.3. The Linear Programming Bound -- 5.4. Comments -- 5.5. Problems -- 6 Cyclic Codes -- 6.1. Definitions -- 6.2. Generator Matrix and Check Polynomial -- 6.3. Zeros of a Cyclic Code -- 6.4. The Idempotent of a Cyclic Code -- 6.5. Other Representations of Cyclic Codes -- 6.6. BCH Codes -- 6.7. Decoding BCH Codes -- 6.8. Reed-Solomon Codes and Algebraic Geometry Codes -- 6.9. Quadratic Residue Codes -- 6.10. Binary Cyclic codes of length  $2n$  ( $n$  odd) -- 6.11. Comments -- 6.12. Problems -- 7 Perfect Codes and Uniformly Packed Codes -- 7.1. Lloyd's Theorem -- 7.2. The Characteristic Polynomial of a Code -- 7.3. Uniformly Packed Codes -- 7.4. Examples of Uniformly Packed Codes -- 7.5. Nonexistence Theorems -- 7.6. Comments -- 7.7. Problems -- 8 Goppa Codes -- 8.1. Motivation -- 8.2. Goppa Codes -- 8.3. The Minimum Distance of Goppa Codes -- 8.4. Asymptotic Behaviour of Goppa Codes -- 8.5. Decoding Goppa Codes -- 8.6. Generalized BCH Codes -- 8.7. Comments -- 8.8. Problems -- 9 Asymptotically Good Algebraic Codes -- 9.1. A Simple Nonconstructive Example -- 9.2. Justesen Codes -- 9.3. Comments -- 9.4. Problems -- 10 Arithmetic Codes -- 10.1. AN Codes -- 10.2. The Arithmetic and Modular Weight -- 10.3. Mandelbaum-Barrows Codes -- 10.4. Comments -- 10.5. Problems -- 11 Convolutional Codes -- 11.1. Introduction -- 11.2. Decoding of Convolutional Codes -- 11.3. An Analog of the Gilbert Bound for Some Convolutional Codes -- 11.4. Construction of Convolutional Codes from Cyclic Block Codes -- 11.5. Automorphisms of Convolutional Codes -- 11.6. Comments -- 11.7. Problems -- Hints and Solutions to Problems -- References.

## Sommario/riassunto

The first edition of this book was conceived in 1981 as an alternative to outdated, oversized, or overly specialized textbooks in this area of discrete mathematics—a field that is still growing in importance as the need for mathematicians and computer scientists in industry continues to grow. The body of the book consists of two parts: a rigorous, mathematically oriented first course in coding theory followed by introductions to special topics. The second edition has been largely expanded and revised. The main editions in the second edition are: (1) a long section on the binary Golay code; (2) a section on Kerdock codes; (3) a treatment of the Van Lint-Wilson bound for the minimum distance of cyclic codes; (4) a section on binary cyclic codes of even length; (5) an introduction to algebraic geometry codes. Eindhoven J. H. VAN LINT November 1991 Preface to the First Edition Coding theory is still a young subject. One can safely say that it was born in 1948. It is not surprising that it has not yet become a fixed topic in the curriculum of most universities. On the other hand, it is obvious that discrete mathematics is rapidly growing in importance. The growing need for mathematicians and computer scientists in industry will lead to an increase in courses offered in the area of discrete mathematics. One of the most suitable and fascinating is, indeed, coding theory.