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| 1. Record Nr.           | UNICAMPANIASUN0113703                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Autore                  | Slinko, Arkadii                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Titolo                  | Algebra for applications : cryptography, secret sharing, error-correcting, fingerprinting, compression / Arkadii Slinko                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Pubbl/distr/stampa      | XIV, 328 p., : ill. ; 24 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Edizione                | [[Cham] : Springer, 2015]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Descrizione fisica      | Pubblicazione in formato elettronico                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Soggetti                | 94A60 - Cryptography [MSC 2020]<br>68P30 - Coding and information theory (compaction, compression, models of communication, encoding schemes, etc.) [MSC 2020]<br>11T71 Algebraic coding theory; cryptography [MSC 2020]<br>14G50 - Applications to coding theory and cryptography of algebraic geometry [MSC 2020]<br>14H52 - Elliptic curves [MSC 2020]<br>11Y16 - Number-theoretic algorithms; complexity [MSC 2020]<br>11Y11 - Primality [MSC 2020]<br>11Y05 - Factorization [MSC 2020]<br>68P25 - Data encryption [MSC 2020]<br>11T06 - Polynomials over finite fields [MSC 2020]<br>11C08 - Polynomials in number theory [MSC 2020]<br>11A51 - Factorization; primality [MSC 2020]<br>11A05 - Multiplicative structure; Euclidean algorithm; greatest common divisors [MSC 2020]<br>94A62 - Authentication, digital signatures and secret sharing [MSC 2020]<br>12E20 - Finite fields (field-theoretic aspects) [MSC 2020]<br>20B30 - Symmetric groups [MSC 2020]<br>11C20 - Matrices, determinants in number theory [MSC 2020]<br>20A05 - Axiomatics and elementary properties of groups [MSC 2020] |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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| 2. Record Nr.           | UNINA9910743244603321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Autore                  | Tsukamoto Yoshimichi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Titolo                  | Advances in Soil Liquefaction Engineering / / by Yoshimichi Tsukamoto, Kenji Ishihara                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pubbl/distr/stampa      | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ISBN                    | 9789811554797<br>981155479X<br>9789811554780<br>9811554781                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Edizione                | [1st ed. 2022.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Descrizione fisica      | 1 online resource (195 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Collana                 | Springer Series in Geomechanics and Geoengineering, , 1866-8763                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Disciplina              | 624.1762                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Soggetti                | Geotechnical engineering<br>Engineering geology<br>Soil science<br>Natural disasters<br>Geotechnical Engineering and Applied Earth Sciences<br>Geoengineering<br>Soil Science<br>Natural Hazards                                                                                                                                                                                                                                                                                                                                                |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Nota di contenuto       | Liquefaction resistance of saturated sand -- Characterising undrained monotonic behaviour of saturated sand -- Characterising undrained behaviour of imperfectly saturated and unsaturated sands -- Analysis on triggering of soil liquefaction including effects of imperfect saturation -- Use of in situ sounding tests for evaluating soil liquefaction triggering -- Evaluating post-liquefaction settlement and lateral deformation -- Use of in situ sounding tests for evaluating stability of soil deposits subject to liquefaction. . |
| Sommario/riassunto      | This book describes recent developments in soil liquefaction engineering and introduces more appropriate procedures than the current ones to evaluate triggering and consequences of soil liquefaction during earthquakes. The topics therefore cover all aspects                                                                                                                                                                                                                                                                               |

of soil behaviour following liquefaction during earthquakes. The contents start with new approaches and new findings on characterisation of liquefaction resistance and undrained shear strength of fully saturated, partially saturated, and unsaturated sand, which are fully based on laboratory tests. New approaches and findings are then described on the use of in situ sounding tests for characterising triggering and consequences of soil liquefaction, including post-liquefaction settlement, lateral spreading, and stability against flow slide. All the topics are accompanied by illustrative case history data from recent major earthquakes in Japan.

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