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| 1. Record Nr. | UNISALENTO991000849379707536 |
| Autore | Kenaz, Yehoshua |
| Titolo | Fra la notte e l'alba / Yehoshua Kenaz ; traduzione di Margherita Rapin Pesciallo |
| Pubbl/distr/stampa | Venezia : Marsilio, 1998 |
| ISBN | 8831770144 |
| Descrizione fisica | 192 p. ; 21 cm |
| Collana | Romanzi e racconti |
| Altri autori (Persone) | Rapin Pesciallo, Margherita |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910739449003321 |
| Autore | D'Andrea Francesco |
| Titolo | A Guide to Penrose Tilings // by Francesco D'Andrea |
| Pubbl/distr/stampa | Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023 |
| ISBN | 3-031-28428-3 |
| Edizione | [1st ed. 2023.] |
| Descrizione fisica | 1 online resource (203 pages) |
| Collana | Mathematics and Statistics Series |
| Disciplina | 516.132 |
| Soggetti | Convex geometry
Discrete geometry
Geometry, Algebraic
Convex and Discrete Geometry
Algebraic Geometry |
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| Livello bibliografico | Monografia |
| Nota di contenuto | Introduction -- Tilings and puzzles -- Robinson triangles -- Penrose |

tilings -- De Bruijn's pentagrids -- The noncommutative space of Penrose tilings.-Some useful formulas.

Sommario/riassunto

This book provides an elementary introduction, complete with detailed proofs, to the celebrated tilings of the plane discovered by Sir Roger Penrose in the '70s. Quasi-periodic tilings of the plane, of which Penrose tilings are the most famous example, started as recreational mathematics and soon attracted the interest of scientists for their possible application in the description of quasi-crystals. The purpose of this survey, illustrated with more than 200 figures, is to introduce the curious reader to this beautiful topic and be a reference for some proofs that are not easy to find in the literature. The volume covers many aspects of Penrose tilings, including the study, from the point of view of Connes' Noncommutative Geometry, of the space parameterizing these tilings.
