1. Record Nr. UNISA990000113500203316

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| Autore | Cumberland, D.J. |
| Titolo | The packing of particles / D.J. Cumberland and R.J. Crawford |
| Pubbl/distr/stampa | Amsterdam [etc.] : Elsevier, 1987 |
| Descrizione fisica | XI, 150 p. : ill. ; 24 cm |
| Collana | Handbook of powder technology ; 6 |
| Disciplina | 62043 |
| Collocazione | 620.43 CUM |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. Record Nr. UNISALENTO991003636179707536

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|---|---|
| Autore | Schmidt, Gunther |
| Titolo | Relational topology [e-book] / by Gunther Schmidt, Michael Winter |
| Pubbl/distr/stampa | Cham : Springer, 2018 |
| ISBN | 3319744518<br>9783319744513<br>331974450X<br>9783319744506 |
| Descrizione fisica | 1 online resource (xiv, 198 p. 104 illus., 64 illus. in color |
| Collana | Lecture Notes in Mathematics, 0075-8434 ; 2208 |
| Classificazione | AMS 54-01<br>LC QA611 |
| Altri autori (Persone) | Winter, Michaelauthor |
| Disciplina | 514 |
| Soggetti | Categories (Mathematics)<br>Algebra, Homological<br>Algebra<br>Computer science - Mathematics<br>Logic, Symbolic and mathematical<br>Topology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |

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| Livello bibliografico | Monografia |
| Nota di contenuto | 1.Introduction ; 2. Prerequisites ; 3. Products of Relations ; 4. Meet and Join as Relations ; 5. Applying Relations in Topology ; 6. Construction of Topologies ; 7. Closures and their Aumann Contacts ; 8. Proximity and Nearness ; 9. Frames ; 10. Simplicial Complexes |
| Sommario/riassunto | This book introduces and develops new algebraic methods to work with relations, often conceived as Boolean matrices, and applies them to topology. Although these objects mirror the matrices that appear throughout mathematics, numerics, statistics, engineering, and elsewhere, the methods used to work with them are much less well known. In addition to their purely topological applications, the volume also details how the techniques may be successfully applied to spatial reasoning and to logics of computer science. Topologists will find several familiar concepts presented in a concise and algebraically manipulable form which is far more condensed than usual, but visualized via represented relations and thus readily graspable. This approach also offers the possibility of handling topological problems using proof assistants |