1. | | |
   |---|---|
   | Record Nr. | UNINA9910365257003321 |
   | Autore | Archippus |
   | Titolo | Archippos : Einleitung, Übersetzung, kommentar / Elisabetta R. Miccolis |
   | Pubbl/distr/stampa | Berlin : Verlag Antike, 2017 |
   | ISBN | 9783946317173 |
   | Descrizione fisica | 363 p. ; 22 cm |
   | Collana | Fragmenta comica ; 12 |
   | Locazione | FLFBC |
   | Collocazione | P2B 600 FRC 12 |
   | Lingua di pubblicazione | Greco antico |
   | Formato | Materiale a stampa |
   | Livello bibliografico | Monografia |

2. | | |
   |---|---|
   | Record Nr. | UNINA9910480383903321 |
   | Autore | Foulds L.R |
   | Titolo | Graph Theory Applications [[electronic resource] /] / by L.R. Foulds |
   | Pubbl/distr/stampa | New York, NY : , : Springer New York : , : Imprint : Springer, , 1992 |
   | ISBN | 1-4612-0933-1 |
   | Edizione | [1st ed. 1992.] |
   | Descrizione fisica | 1 online resource (XVII, 408 p.) |
   | Collana | Universitext, , 0172-5939 |
   | Disciplina | 511/.5 |
   | Soggetti | Combinatorics |
   | Lingua di pubblicazione | Inglese |
   | Formato | Materiale a stampa |
   | Livello bibliografico | Monografia |
   | Note generali | "With 90 Figures"--Title page. |
   | Nota di bibliografia | Includes bibliographical references and index. |
   | Nota di contenuto | I: The Theory of Graphs -- 1: Basic Ideas -- 2: Connectivity -- 3: Trees -- 4: Traversability -- 5: Planarity -- 6: Matrices -- 7: Digraphs -- 8: Coverings and Colourings -- 9: Algorithms -- 10: Matroids -- II: Applications -- 11: Miscellaneous Applications -- 12: Operations Research -- 13: Electrical Engineering -- 14: Industrial Engineering -- |

Sommario/riassunto

Over the last 30 years graph theory has evolved into an important math- ematical tool in the solution of a wide variety of problems in many areas of society. The purpose of this book is to present selected topics from this theory that have been found useful and to point out various applications. Some important theoretical topics have been omitted as they are not es- sential for the applications in Part II. Hence Part I should not be seen as a well-rounded treatise on the theory of graphs. Some effort has been made to present new applications that do not use merely the notation and ter- minology of graphs but do actually implement some mathematical results from graph theory. It has been written for final undergraduate year or first year graduate students in engineering, mathematics, computer science, and operations research, as well as researchers and practitioners with an inter- est in graph theoretic modelling. Suggested plans for the reading of the book by people with these interests are given later. The book comprises two parts. The first is a brief introduction to the mathematical theory of graphs. The second is a discussion on the applications of this material to some areas in the subjects previously mentioned. It is, of course, possi- ble to read only the first part to attempt to gain an appreciation of the mathematical aspects of graph theory. However even the purest of mathe- maticians is strongly recommended to delve seriously into the second part.

3. | Record Nr. | UNISALENTO991003050319707536 |
| --- | --- |
| Autore | Himmelmann Wildschutz, Nikolaus |
| Titolo | Typologische Untersuchungen an römischen Sarkophagreliefs des 3. und 4. Jahrhunderts n. Chr. / N. Himmelmann |
| Pubbl/distr/stampa | Mainz am Rhein : P. von Zabern, c1973 |
| Descrizione fisica | XI, 66 p., 60 c. di tav. : ill. ; 32 cm |
| Disciplina | 733.5 |
| Soggetti | Sarcofagi romani |
| Lingua di pubblicazione | Tedesco |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

4. | Record Nr. | UNINA9910552740603321 |
| --- | --- |
| Titolo | Bone Tissue Engineering : Bench to Bedside Using 3D Printing / / edited by Fernando P.S. Guastaldi, Bhushan Mahadik |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022 |
| ISBN | 3-030-92014-3 |
| Edizione | [1st ed. 2022.] |
| Descrizione fisica | 1 online resource (318 pages) |
| Collana | Biomedical and Life Sciences Series |
| Disciplina | 571.538
617.9 |
| Soggetti | Regenerative medicine
Biotechnology
Biomaterials
Biomedical engineering
Regenerative Medicine and Tissue Engineering
Biomedical Engineering and Bioengineering |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction (market, clinical need, bone grafts) a. Choice 1: Alan S Herford, DDS, MD (Loma Linda University) -- 2. Basic bone biology a. Choice 1: David T Scadden, MD (Massachusetts General Hospital) -- 3. Principles of bone tissue engineering a. Choice 1: Antonios G Mikos, PhD (Rice University) b. Choice 2: Susmita Bose, PhD (Washington State University) -- 4. Additive manufacturing technologies a. Choice 1: Anthony Atala, MD (Wake Forest School of Medicine) b. Choice 2: Jennifer A Lewis, ScD (Harvard University) -- 5. 3D printing scaffolds for oral and maxillofacial regeneration a. Choice 1: Fernando PS Guastaldi, PhD (Massachusetts General Hospital) and Maria J Troulis, MsC (Massachusetts General Hospital) -- 6. 3D printing scaffolds for orthopedic joint tissue engineering a. Choice 1: Anthony J Melchiorri, PhD (Rice University) -- 7. 3D bioprinting and nanotechnology for bone tissue engineering a. Choice 1: Bhushan Mahadik, PhD (University of Maryland) -- 8. Bioreactors and scale-up in bone tissue engineering a. Choice 1: John P Fisher, PhD (University of Maryland) -- 9. Commercialization, legal, and regulatory considerations to translate 3D printing-based products to the marketplace and the clinic a. Choice 1: Anthony Ratcliffe, PhD (Synthasome, Inc.) -- 10. Future directions and challenges a. Choice 1: James J Yoo, PhD (Wake Forest School of Medicine) b. Choice 2: Fernando PS Guastaldi, PhD (Massachusetts General Hospital) and Bhushan Mahadik, PhD (University of Maryland).
Sommario/riassunto	This book provides a comprehensive overview of the state-of-the-art research as well as current challenges and strategies to reconstruct large bone defects employing 3D printing technology. Various topics covered include different 3D printing technologies that can be applied for bioengineering bone, the aspects of basic bone biology critical for clinical translation, tissue engineering platforms to investigate the bone niche microenvironment, the pathway to clinical translation, and regulatory hurdles. Bone Tissue Engineering: State-of-the-Art in 3D Printing is an ideal book for students and researchers interested in learning more about the latest advances in employing different 3D printing technologies for bone tissue engineering. .