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| Autore                  | Barthelemy Marc <1965->   |
| Titolo                  | Morphogenesis of Spatial Networks // by Marc Barthelemy   |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018   |
| ISBN                    | 3-319-20565-X   |
| Edizione                | [1st ed. 2018.]   |
| Descrizione fisica      | 1 online resource (XIX, 331 p. 187 illus.)  |
| Collana                 | Lecture Notes in Morphogenesis, , 2195-1934   |
| Disciplina              | 338.6042  |
| Soggetti                | Urban geography<br>System theory<br>Graph theory<br>Transportation<br>Civil engineering<br>Urban Geography / Urbanism (inc. megacities, cities, towns)<br>Complex Systems<br>Graph Theory<br>Civil Engineering  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di bibliografia    | Includes bibliographical references and index.  |
| Sommario/riassunto      | This book develops a morphodynamical approach of spatial networks with a particular emphasis on infrastructure networks such as streets, roads and transportation networks (subway, train). The author presents the mathematical tools needed to characterize these structures and how they evolve in time. The book discusses the most important empirical results and stylized facts, and will present the most important models of spatial networks. The target audience primarily comprises research scientists interested in this rapidly evolving and highly interdisciplinary field, but the book may also be beneficial for graduate students interested in large networks. |