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Soggetti	Industrial organization Finance Sociophysics Econophysics Industrial Organization Finance, general Data-driven Science, Modeling and Theory Building
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 The Economics of Interfirm Networks: Main Issues -- Part 1: Structure and Evolution of Interfirm Networks -- Chapter 2 Buyer-Supplier Networks and Aggregate Volatility -- Chapter 3 Community Structure of a Large-scale Production Network in Japan -- Chapter 4 Interfirm Networks in Manufacturing Industry Agglomerations in Japan: Evidence from Survey Data -- Part 2: Networks, Economic Geography, and Firm Activities -- Chapter 5 Economic Geography and Interfirm Transaction Networks -- Chapter 6 Delineating Metropolitan Areas: Measuring Spatial Labour Market Networks through Commuting Patterns -- Chapter 7 Determinants of Business and Financial Network Formation by Japanese Start-up Firms: Does Founders' Human Capital

Matter? -- Chapter 8 Geographical Spread of Interfirm Transaction Networks and the Great East Japan Earthquake -- Part 3: Bank-Firm Relationships and Firm Dynamics -- Chapter 9 Bank-Firm Relationships: A Review of the Implications for Firms and Banks in Normal and Crisis Times -- Chapter 10 A New Look at Bank-Firm Relationships and the Use of Collateral in Japan: Evidence from Teikoku Databank Data -- Chapter 11 What Do Cash Holdings Tell Us about Bank-Firm Relationship? A Case Study of Japanese Firms -- Chapter 12 Bank Lending and Firm Activities: Overcoming Identification Problems.

Sommario/riassunto

This book is one of the first comprehensive works to fill the knowledge gap resulting from the limited number of empirical studies on interfirm networks. The in-depth empirical research presented here is based on a massive transaction relationship database of approximately 400,000 Japanese firms. This volume, unlike others, focuses on the role of interfirm networks in three different fields: (1) macroeconomic activities, (2) economic geography and firm dynamics, and (3) firm–bank relationships. The database for this work is constructed in collaboration with Japan's largest credit research company, Teikoku Data Bank, and covers a substantial portion of Japanese firms with information on firms' transaction partners, shareholders, financial institutions, and other attributes, including their locations and performance. Networks prevail in many aspects of economic activities and play a major role in explaining a wide variety of economic phenomena from business cycles to knowledge spillovers, which has motivated economists to produce a number of excellent works. In the policy arena, there has been a growing concern on the vulnerabilities of networks based on the casual observation that idiosyncratic shocks on firms can be amplified through inter-firm connections and leads to a systemic crisis. Typical examples are the manufacturing supply-chain networks in the automobile and electronics industries which propagated regionally concentrated shocks (the Great East Japan Earthquake and floods in Thailand in 2011) into global ones. An abundance of theoretical literature on the formation and functions of networks is available already. This book breaks new ground, however, and provides an excellent opportunity for the reader to gain a more integrated understanding of the role of networks in the economy. The Economics of Interfirm Networks will be of special interest to economists and practitioners seeking empirical and quantitative knowledge on interfirm and firm–bank networks.
