

1. Record Nr.	UNINA9910825994703321
Autore	Antonelli Cristiano
Titolo	The microdynamics of technological change // Cristiano Antonelli
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 1999
ISBN	1-134-65607-6 1-134-65608-4 1-280-33690-0 9786610336906 0-203-02270-X 0-203-17103-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (304 p.)
Collana	Routledge frontiers of political economy ; ; 23
Disciplina	338/.064
Soggetti	Information technology Technological innovations - Economic aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Book Cover; Title; Contents; List of figures; List of tables; General editor's foreword; Foreword; Introduction; The theory; Path-dependence in industrial economics and the economics of innovation; The new economics of knowledge; The dynamics of localised technological changes: the interaction between factor costs inducement, demand-pull and Schumpeterian rivalry; Localised technological change and Schumpeterian growth regimes; Economic topology: the role of technological communication in the dynamics of localised technological change; Applications Localised technological changes in telecommunications and the network of networks Localised technological change and unemployment in the global economy: a Schumpeterian approach; New information technology and the evolution of the organisation of knowledge production; The dynamics of technological communication and the evolution of technological co-operation; The evolution of standards as economic institutions; New information technology and the knowledge-based economy: the European evidence; Conclusion; Notes; Bibliography; Index

Sommario/riassunto

This volume presents a comprehensive assessment of the economic effects of the emerging information and communication technologies associated with a knowledge-based economy, and looks at how knowledge is increasingly treated as a product in its own right. An original framework is developed to comprehend these fundamental shifts, based on three bodies of knowledge: * the economics of path dependence and of historical time as they are elaborated in the economics of new technologies * economic topology based on the methodology of network analysis * the new economics of knowledge a
