Record Nr. UNINA9910741180103321 Autore Runiewicz-Wardy Malgorzata Titolo Knowledge flows, technological change and regional growth in the European union / / Malgorzata Runiewicz-Wardy Cham, Switzerland;; New York,: Springer, c2013 Pubbl/distr/stampa **ISBN** 3-319-00342-9 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (253 p.) Collana Contributions to economics Disciplina 337.142 338.064 Soggetti Knowledge management - Economic aspects - European Union countries Diffusion of innovations - European Union countries Technological innovations - Economic aspects - European Union countries Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references. Nota di bibliografia Nota di contenuto Knowledge as a Driver of Technological Change and Regional Growth -- Innovative, Technological, and Growth Capacities of the EU Regions -- Determinants of RISs' Efficiency of the EU Regions -- The Role of Intra-, Inter- and Extra-Regional Sources of Knowledge Spillovers in the EU Regions. Evidence from High-Tech Industries -- Localized Knowledge Spillovers, Agglomeration Externalities, and the Technological Dynamic in High-Tech Industries. Evidence Based on the EU Regions -- Knowledge Spillovers, Technological Change, and Regional Growth. The Empirical Evidence of the EU Regions -- Final Remarks and Implications. Sommario/riassunto The book provides conceptual and empirical insights into the complex relationship between knowledge flows and regional growth in the EU. The author critically scrutinizes and enhances the RIS (Regional Innovation System) approach, discussing innovation as a technological, institutional and evolutionary process. Moreover, she advances the ongoing discourse on the role of space and technological proximity in the process of innovation and technological externalities. The book closes with an investigation of the role of technological change and knowledge spillovers in the dynamic growth and "catching-up" of EU

regions. "Knowledge Flows, Technological Change and Regional Growth in the European Union" focuses on the identification of the elements explaining the linkages between knowledge flows and regional growth. With a critical approach to RIS theory and the need to move to an evolutionary approach to regional innovation systems, the book offers new insights into the complex relationship between space, knowledge and economic growth in the multifaceted European regions. Roberta Capello, Professor of Regional Economics, Politecnico of Milan, Past President of RSAI .