Record Nr. UNINA9910298547803321 Autore Sengupta Jati Titolo Theory of Innovation: A New Paradigm of Growth / / by Jati Sengupta Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2014 3-319-02183-4 **ISBN** Edizione [1st ed. 2014.] Descrizione fisica 1 online resource (161 p.) 330 Disciplina 330.1 338.9 338926 Soggetti Economic growth Economic policy **Economic theory Economic Growth** R & D/Technology Policy Economic Theory/Quantitative Economics/Mathematical Methods 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 Contents -- Theory of Innovation -- Innovation Models --Schumpeterian Innovation -- Endogenous Innovation -- Innovation Diversity: Industry Applications -- Innovation Challenges -- Managing Innovation -- References. The current economic theory of innovation mainly analyses the Sommario/riassunto technology factor and its impact on economic growth. In today's world, growth in information technology and knowledge of new ideas has altered the business paradigm dramatically. Modern economies have undergone a dynamic shift from material manufacturing to a new information technology model with research and development (R&D) and human capital. Through information and communications technology efficient information usage has achieved substantial

productivity gains through learning by doing and incremental

innovations. The present volume discusses this new paradigm in terms

of both theory and industry applications, including Schumpeter in his innovation model and the emphasis on new innovations replacing the old. Growth of business networking and R&D consortium have dramatically helped the modern business to reduce their unit costs and improve efficiency. This volume presents some new models emphasizing knowledge sharing and R&D cooperation. Rapid growth in recent times in some south Asian countries have been cited as growth miracles are largely caused by knowledge spillover and learning by doing, and this volume also investigates the role of incremental innovations. With a strong focus and extension of the current theory of innovation and industry growth experiences of both the US and Asian countries, this book will be of interest to MBA and graduate students in economics, innovation management, and applied industrial economics.