

1. Record Nr.	UNINA9910468248603321
Autore	Xiao Wen (Economist)
Titolo	Technological progress and the transformation of China's economic development mode // Wen Xiao
Pubbl/distr/stampa	Singapore : , : Springer, , [2020] ©2020
ISBN	981-15-7281-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXVI, 402 p. 17 illus., 8 illus. in color.)
Disciplina	330.951
Soggetti	Economic development - Environmental aspects Economic development - China Economic policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter1 Literature Review of Technological Improvement and Transformation of Economic Development Model -- Chapter2 Theoretical Research: Endogenous Growth Model Embedded with Innovation Heterogeneity -- Chapter3 Mechanical Analysis: Technological Improvement and the Transformation of Industry Development -- Chapter4 An International Comparison: Technological Improvement and the Transformation of Economic Development Model -- Chapter5 Measurement and Analysis of China's Technological Improvement Comprehensive Capability and its Evolvement -- Chapter6 An Empirical Study of Economic Development Mode Transformation Promoted by Technological Improvement -- Chapter7 Technological Improvement and Agricultural Development Mode Transformation: Agricultural Intensification -- Chapter8 Technological Improvement and Industrial Development Mode Transformations: New Industrialization -- Chapter9 Technological Improvement and Service Development Mode Transformation: Modernized Service Industry -- Chapter10 A Linkage between Advanced Manufacturing Industry and Modern Service Industry Promoted by Technological Improvement -- Chapter11 Basic Guarantee Foundation for the Implementation of China's Technological Advance Strategies -- Chapter12 Mode Selections for the Transformation of Economic Development Mode

Sommario/riassunto

This book explores how technological progress accelerates the transformation of economic development by adopting a fundamental logical approach to technological progress, intensive inputs, and promotion of productive efficiency to transformation of economic development. It investigates the internal mechanisms and the choice of corresponding modes that initiate technological progress to accelerate the transformation of economic development at three basic research levels: micro-enterprise level, mid-industry level and macro-economy level. Based on the above research, the book summarizes four dimensions facilitating the transformation: agricultural intensification, new industrialization, modernization of the service industry and the advanced manufacturing industry, and linkage of the modern service industry. This book is especially valuable in its hierarchical categorization covering theoretical, empirical, industrial and strategic exploration. On one hand, it analyzes the mechanisms and approaches influencing the transformation of economic development driven by technological progress from both theoretical and empirical perspectives. On the other hand, based on the introduction of advanced international experiences, it probes into the guarantee basis for the strategic implementation and the corresponding mode choices of the transformations. Furthermore, it offers specific policy proposals from both the macro level of how technological progress promotes the transformation of economic development and the micro level covering the agricultural, industrial and service industries.
