Record Nr. UNINA9910299364903321 Autore Liu Jianhua Titolo The Synergy Theory on Economic Growth: Comparative Study Between China and Developed Countries [[electronic resource] /] / by Jianhua Liu, Zhaohua Jiang Singapore:,: Springer Singapore:,: Imprint: Springer,, 2018 Pubbl/distr/stampa **ISBN** 981-13-1885-9 Edizione [1st ed. 2018.] 1 online resource (370 pages) Descrizione fisica Disciplina 330.951 Soggetti Economic development **Economics** International economic relations **Economic Growth** Asian Economics International Political Economy International Economics Asia Economic conditions Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Chapter 1.Introduction -- Chapter 2.The Synergy Theory of Economic Nota di contenuto Growth -- Chapter 3. The Calculation and Empirical Analysis on the Contribution of Institutional Innovation to Economic Growth -- Chapter 4. The Calculation of the Contribution of science and technology progress and Human Capital to Economic Growth -- Chapter 5. The Analysis on the Factors of Economic Growth in the United States and Other Developed Countries -- Chapter 6.The Calculation of China's Economic Growth Factor and Analysis of Innovation-Drive Transformation -- Chapter 7. Urbanization and Structural Changes in China's Economic Growth -- Chapter 8. Conclusion. Sommario/riassunto The book constructs the Synergy Theory, a new theory of economic growth and calculation methodology. The book involves empirical comparative study on economic growth between China and the 14

developed countries, and on the basis of the synergy theory, divides GDP into labor compensation, capital income, and synergistic benefits,

further establishes the new empirical model including the major determined factors of economic growth, such as growth of physical capital stock, growth of investment in physical capital, improvement of science and technology, improvement of human capital quality, labor force growth, institutional innovation and economic externalies. Subsequently, it uses the method of Data Envelopment Analysis to calculate the contribution of institutional innovation to economic growth, and it also focuses on the analysis of the determining factors of economic growth. Based on the analysis above, the new theory has been tested and the countermeasures and suggestions involving China's innovation-driven economy have been proposed.