1. Record Nr. UNINA9910466343803321 Autore Goh Chor Boon Titolo From traders to innovators: science and technology in Singapore since 1965 / / Goh Chor Boon Pubbl/distr/stampa Singapore:,: ISEAS Yusof Ishak Institute,, 2016 ©2016 981-4695-79-3 **ISBN** 1 online resource (xx, 232 pages) : digital, PDF file(s) Descrizione fisica Collana Modern economic history of Southeast Asia Disciplina 338.95957 Soggetti Technology - Social aspects - Singapore - History Electronic books. Singapore Economic conditions Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Title from publisher's bibliographic system (viewed on 05 Jun 2017). Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Frontmatter -- Contents -- Abbreviations -- Introduction -- 1 From Dependency Theory to Creative Innovation -- 2 Surviving and Catching Up in the 1960s and 1970s -- 3 Developing a Technological Growth Trajectory in the 1980s -- 4 State Intervention and Technological Change -- 5 Nurturing a Scientific Culture -- 6 Sociocultural Attributes and R&D -- 7 Towards a Technologically Creative Society -- 8 Conclusion Power of a Service-Brokerage Culture -- Bibliography --Index -- About the Author Sommario/riassunto Today, more than ever, the state of a country's science and technology is a critical factor for economic competitiveness and long-term growth. This book traces the development of science and technology policies and initiatives in Singapore since 1965. Developed as a trading entrepôt by the British, science and technology were never strongly emphasized, right up to the 1970s. However, the need to stay ahead of economic competitiveness motivated the Singapore Government to initiate its national science and technology policy from the 1980s moving Singapore from a low-skilled, low-technology economy to a high-skilled, high-technology one. Today, the drive for Singapore to become a hotbed for technological start-ups and R&D activities.

supported by strong government funding and cutting-edge facilities.

seems promising. Are the aspirations of nurturing a Silicon Valley-type culture in Singapore achievable? Are pragmatic, risk-averse Singaporeans ready for the mindset change? Can a nation of traders and service-brokers become a nation of technological innovators and entrepreneurs? This book attempts to provide the answers.