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Nota di contenuto	Mei Wending, Wang Xichan and Xue Fengzuo: Different Attitudes toward Western Sciences in the Early Qing Dynasty -- Translation of Elements of Geometry and Evolution of Mathematical Thoughts in the Ming and Qing Dynasties -- Nanhui Ren and On the Newly Made Astronomical Observatory -- From the Western Techniques to the Imperial Techniques: Official Absorption of Western Astronomy in the Ming and Qing Dynasties -- From Casting to Forging: the Emergence of Wrought Iron Firearms in the Late Ming Dynasty -- Toys and Physics: Introduction of European Physics Toys into China and Their Influence -- Dissemination of Translated Literature on China's Modern Mathematics in Japan and Their Influence -- Xujiahui Observatory Platform: European Observatory in China -- Scientific Works Publication in the Late Qing Dynasty and the Social Influence -- Case Analysis of Scientific Works Publishing Figures in the Late Qing Dynasty -- Formation and Establishment of Modern Scientific Education in China -- Formation and Establishment of Modern Engineering Education in China -- Twists and Turns of Modern Scientific and Technological Causes in China in the 20th Century -- Plague Prevention: The Beginning of Public Health in China -- Beijing Union Medical College and China 's Modern Medical Development -- Purple Mountain

Observatory and Modernization of Chinese Astronomy -- Artificial Synthesis of Crystalline Bovine Insulin -- Two Bombs and One Star -- "Needham Problem" and the History of Science and Technology in China.

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Sommario/riassunto

This book mainly focuses on Chinese science and technology in modern and contemporary China, as well as Western technology, especially modern European science, which greatly influenced Chinese society in the Qing dynasty. It also discusses the collision and integration of the East and West leading to modern China, addressing topics such as modern Chinese physics, mathematics, publication of scientific works and modern scientific education. This book is the fifth volume in the series History of Science and Technology in China. History of Science and Technology in China is the first series with high academic values on general history of Chinese science and technology, with contributions by top-notch scholars in this field. This 5-volume work provides an encyclopedic historical panorama of Chinese scientific and technological development. It unfolds the history of Chinese science and technology through a clarified timeline from as early as the far ancient times to the very present. This work consists of five volumes: Origins of Chinese Sciences, Ancient Chinese Studies of Heaven and Earth, High Tide of Chinese Sciences, Theoretical and Technological Development, and Western Influences. .

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