

1. Record Nr.	UNINA9910488692003321
Titolo	A New Phase of Systematic Development of Scientific Theories in China : History of Science and Technology in China Volume 4 // edited by Xiaoyuan Jiang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-7844-3
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (457 pages)
Collana	History of Science and Technology in China, , 2730-9118
Disciplina	609.51
Soggetti	Science - History Science - Social aspects History of Science Science and Technology Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Ancient Chinese Ceramic Technology -- Ancient Chinese Porcelain technology -- Invention and Evolution of Compass -- A Survey of Ancient Chinese Textile Technology -- Technique and Materials of Ancient Chinese Cuisine -- Paper Dipping and Paper Pulp Filtration method: two different paper making processes -- Ancient Chinese Wine and Folklore -- A Textual Research on "Autumn Stone" in Ancient China -- Looms and Textile Product Categories in Ancient China -- Silk Road and the Textile Culture Exchange between the East and West -- Invention and Evolution of Printing Technology -- Gunpowder and Firearms in Ancient China -- Heavenly Creations: Peak of Ancient Chinese Agriculture and Handicrafts -- Nong Zheng Quan Shu and Xu Guangqi.
Sommario/riassunto	This volume presents the development of Chinese science and technology, which was gradually shaped by systematical theories and entered into a new stage of development in the course of a lengthy historical evolution. It discusses topics such as the four great inventions of ancient China, ancient Chinese cuisine, and Chinese textile culture. This book is the fourth 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.
