Record Nr. UNINA9910954041103321 Autore Elman Benjamin A. <1946-> Titolo On their own terms: science in China, 1550-1900 / / Benjamin A. Elman Cambridge, Mass., : Harvard University Press, 2005 Pubbl/distr/stampa 9780674036475 **ISBN** 0674036476 Edizione [1st ed.] Descrizione fisica 1 online resource (606 p.) Classificazione TB 2327 Disciplina 509/.51 Science - China - History - 16th century Soggetti Science - China - History - 17th century Science - China - History - 18th century Science - China - History - 19th century Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references (p. 527-540) and index. Nota di contenuto Frontmatter -- Contents -- List of Maps, Illustrations, and Tables --Chinese Dynasties -- Abbreviations -- Preface -- I. Introduction --Prologue -- 1. Ming Classification on the Eve of Jesuit Contact -- II. Natural Studies and the Jesuits -- 2. The Late Ming Calendar Crisis and Gregorian Reform -- 3. Sino-Jesuit Accommodations During the Seventeenth Century -- 4. The Limits of Western Learning in the Early Eighteenth Century -- 5. The Jesuit Role as Experts in High Qing Cartography and Technology -- III. Evidential Research and Natural Studies -- 6. Evidential Research and the Restoration of Ancient Learning -- 7. Seeking the Truth and High Qing Mathematics -- IV. Modern Science and the Protestants -- 8. Protestants, Education, and Modern Science to 1880 -- 9. The Construction of Modern Science in Late Qing China -- V. Qing Reformism and Modern Science -- 10. Government Arsenals, Science, and Technology in China after 1860 --11. Displacement of Traditional Chinese Science and Medicine in the Twentieth Century -- Appendixes -- Notes -- Bibliography of Chinese and Japanese Sources -- Acknowledgments -- Credits -- Index

Since the middle of the nineteenth century, imperial reformers, early Republicans, Guomindang party cadres, and Chinese Communists have

Sommario/riassunto

all prioritized science and technology. In this book, Elman gives a nuanced account of the ways in which native Chinese science evolved over four centuries, under the influence of both Jesuit and Protestant missionaries. In the end, he argues, the Chinese produced modern science on their own terms.