Record Nr. UNINA9910412155403321 Autore Ghosh Amitabha **Titolo** Descriptive Archaeoastronomy and Ancient Indian Chronology / / by Amitabha Ghosh Pubbl/distr/stampa Singapore:,: Springer Singapore:,: Imprint: Springer,, 2020 **ISBN** 981-15-6903-7 Edizione [1st ed. 2020.] 1 online resource (XV, 198 p. 140 illus., 20 illus. in color.) Descrizione fisica Disciplina 520.954 Soggetti Observations, Astronomical Astronomy—Observations History Historiography Cosmology Astronomy, Observations and Techniques History of Science Historiography and Method Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Chapter 1. INTRODUCTION -- Chapter 2. RUDIMENTS OF POSITIONAL ASTRONOMY AND ARCHAEOASTRONOMY -- Chapter 3. ASTRONOMY IN ANCIENT INDIA.-Chapter 4. DESCRIPTIVE ARCHAEOASTRONOMICAL APPROACHES -- Chapter 5. ARCHAEOASTRONOMICAL STUDY OF ANCIENT INDIAN CHRONOLOGY: DATING MAHBHRATA -- Chapter 6. CHRONOLOGY OF VEDIC AND VEDNGA PERIODS -- Chapter 7. ARCHAEOLOGICAL, GEOLOGICAL AND GENEALOGICAL INDICATIONS OF ANCIENT CHRONOLOGY. Sommario/riassunto This book presents the basic fundamentals of descriptive archaeoastronomy and its application to the astronomical descriptions found in ancient Indian scriptures. Archaeoastronomy is a branch of positional astronomy that helps to determine the epochs of ancient

astronomical alignments and special astronomical events. In this book, only the descriptions of special stellar alignments and events found in

possesses a large volume of ancient scriptures like Vedas and Puranas

ancient texts can identify the antiquity of the descriptions. India

which contain many astronomical descriptions as in ancient India positional astronomy was well developed. The antiquities of these texts are determined through archaeoastronomical techniques. Major events like Mahabharata War are dated and using these dates a chronology of ancient India is determined. The astronomically determined chronology is compared with the results from various archaeological, palaeoclimatological, geological and genealogical investigations of ancient India. This introductory book interests readers interested in unveiling the mystery involved with the protohistory of this ancient civilization.