Record Nr. UNINA9910163046203321 Autore Ragep Sally P Titolo Jaghmn's Mulakhkha: An Islamic Introduction to Ptolemaic Astronomy / / by Sally P. Ragep Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2016 **ISBN** 3-319-31993-0 Edizione [1st ed. 2016.] Descrizione fisica 1 online resource (359 pages): color illustrations Collana Sources and Studies in the History of Mathematics and Physical Sciences, , 2196-8810 Disciplina 520 Soggetti Mathematics History Observations, Astronomical Astronomy—Observations History of Mathematical Sciences Astronomy, Observations and Techniques History of Science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. I. Introduction -- II. Arabic Edition & Editorial Procedures -- III. English Nota di contenuto Translation -- Appendices -- Bibliography. . This book provides the only critical edition and English translation of Sommario/riassunto Mamd al-Jaghmn's al-Mulakhkha f al-haya al-basa, the most widely circulated Arabic treatise on Ptolemaic astronomy ever written. Composed in the early 13th century, this introductory textbook played a crucial role in the teaching, dissemination, and institutional instruction of Islamic astronomy well into the 19th century (and beyond). Establishing the base text is a fundamental prerequisite for gaining insights into what was considered an elementary astronomical textbook in Islam and also for understanding the extensive commentary tradition that built upon it. Within this volume, the Mulakhkha is situated within the broader context of the genre of

literature termed ilm al-haya, which has become the subject of intensive research over the past 25 years. In so doing, it provides a

survey of summary accounts of theoretical astronomy of Jaghmn's predecessors, both Ancient and Islamic, which could have served as potential sources for the Mulakhkha. Jaghmn's dates (which until now remained unsettled) are established, and it is definitively shown that he composed not only the Mulakhkha but also other scientific treatises, including the popular medical treatise al-Qnna, during a period that has been deemed one of scientific decline and stagnation in Islamic lands. The book will be of particular interest to scholars engaged in the study of Islamic theoretical astronomy, but is accessible to a general readership interested in learning what constituted an introduction to Ptolemaic astronomy in Islamic lands.