

# Contents

Preface	IX
Transliteration and Abbreviations	XI
<b>1 Introduction</b>	<b>1</b>
A. The Current State of Research	1
B. Beginnings of Arabic Astronomy	5
C. Reception of Scientific Astronomy	8
D. Assimilation of Scientific Astronomy	12
E. Onset of the Creative Period	14
F. Novel Planetary Models	26
G. Struggle against Ptolemaic Cosmology	28
H. Aftereffects	30
I. Sources for Our Knowledge of Arabic Astronomy	48
1. <i>Bio- and Bibliographical Sources</i>	49
2. <i>Doxographic Sources</i>	50
<b>2 Sources</b>	<b>55</b>
A. Greek Sources	55
B. Syriac and Persian Sources	85
C. Indian Sources	94
<b>3 Arab Astronomers</b>	<b>100</b>
Addenda	245
Bibliography, Libraries and Collections of Arabic Manuscripts	248
Index of Authors	430
Index of Book Titles	441
Index of Modern Authors, Publishers, Editors	459
Index of Shelf Numbers of Anonymous Manuscripts	471