

Contents

<i>List of Figures</i>	page ix
<i>List of Tables</i>	x
<i>Acknowledgments</i>	xi
<i>Note on Chronology and Transliteration</i>	xiii
<i>Abbreviations</i>	xiv
Introduction: Astronomy, Empire, and Islamic Authority at the End of Days	1
Part I Geographies of Knowledge	21
1 The Deaf Shaykh: Scholarly Astronomy in Late Ottoman-Egyptian Society	23
2 Astronomers and Pashas: Viceregal Imperialism and the Making of State Astronomy	74
Part II Objects of Translation	119
3 Positioning the Watch Hand: ‘Ulama’ and the Making of Mechanical Timekeeping in Cairo	121
4 Positioning the Planets: Translating French Planetary Tables as Ottoman-Islamic Knowledge	145
Part III Islam, Science, and Authority	171
5 Orbits of Print: Astronomy and the Ordering of Science and Religion in the Arabic Press	173
6 The Measure of Piety: Making Prayer Times Uniform	207

viii	Contents	
7	Different Standards: The Ramadan Debates and the Establishment of Lunar Crescent Observation	243
	Conclusion: Astronomy, the State, and Islamic Authority at the End of the Day	271
	<i>Appendix: Muhammad al-Khudari al-Dimyati's Introduction to his Commentary on the Brilliance of the Solution of the Seven Planets</i>	279
	<i>Bibliography</i>	282
	<i>Index</i>	307