

David A. King

Islamic Astronomy and Geography

ASHGATE
VARIORUM

CONTENTS

Preface	vii
Acknowledgements	xiv
List of publications	xv
GENERAL	
I Islamic astronomy <i>Astronomy before the Telescope, ed. C. Walker. London: British Museum Press, 1996</i>	143–174
II From inscriptions to context: some Islamic astronomical instruments and their secrets <i>Text and Context in Islamic Societies, ed. I.A. Bierman. Reading: Garnet, 2004</i>	87–130
III Some illustrations in Islamic scientific manuscripts and their secrets <i>The Book in the Islamic World: The Written Word and Communication in the Middle East, ed. G.N. Atiyeh. Albany, NY: State University of New York Press, and Washington, D.C.: The Library of Congress, 1995</i>	149–177
REGIONAL STUDIES	
IV Aspects of Fatimid astronomy: from hard-core mathematical astronomy to architectural orientations in Cairo <i>L'Égypte Fatimide : son art et son histoire – Actes du colloque organisé à Paris les 28, 29 et 30 mai 1998, ed. M. Barrucand. Paris: Presses de l'Université de Paris-Sorbonne, 1999</i>	497–517
V Mamluk astronomy and the institution of the <i>muwaqqit</i> <i>The Mamluks in Egyptian Politics and Society, eds T. Philipp and U. Haarmann. Cambridge: Cambridge University Press, 1998</i>	153–162
VI On the history of astronomy in the medieval Maghrib <i>Études d'histoire des sciences arabes, ed. M. Abattouy. Casablanca: Fondation du Roi Abdul Aziz Al Saoud pour les Études Islamiques et les Sciences humaines, 2007</i>	175–218

MATHEMATICAL ASTROLOGY

- VII A Hellenistic astrological table deemed worthy of being penned in gold ink: the Arabic tradition of Vettius Valens' auxiliary function for finding the length of life 1–38
New printing, originally published in Studies in the History of the Exact Sciences in Honour of David Pingree, eds C. Burnett, J.P. Hogendijk, K. Plofker and M. Yano. Leiden and Boston: Brill, 2004, pp. 666–714

SACRED GEOGRAPHY AND THE SACRED DIRECTION

- VIII The sacred geography of Islam 163–178
Mathematics and the Divine: A Historical Study, eds T. Koetsier and L. Bergmans. Dordrecht: Elsevier, 2005
- IX Al-Bazdawī on the qibla in early Islamic Transoxania 3–38
Journal for the History of Arabic Science (Aleppo) 7, 1983/86

MATHEMATICAL GEOGRAPHY

- X Too many cooks ... : a new account of the earliest Muslim geodetic measurements 207–241
Suhayl: Journal for the History of the Exact and Natural Sciences in Islamic Civilisation (Barcelona) 1, 2000
- XI A world-map in the tradition of al-Bīrūnī (ca. 1040) and al-Khāzīnī (ca. 1120) presented by Sirāj al-Dīn al-Sajāwandī (1210) 131–160
Mélanges offerts à Hossam Elkhadem par ses amis et ses élèves, eds F. Daelemans, J.-M. Duvoisnel, R. Halleux and D. Juste, Archives et bibliothèques de Belgique (Archief- en bibliotheekwezen in België, Numéro spécial), Extranummer 83. Brussels, 2007
- XII Mathematical geography in 15th-century Egypt: an episode in the decline of Islamic science 1–23
New printing, originally published in Islamic Thought in the Middle Ages – Studies in Text, Transmission and Translation, in Honour of Hans Daiber, eds A. Akasoy and W. Raven (Islamic Philosophy, Theology and Science, Texts and Studies LXXV, ed. H. Daiber). Brill: Leiden and Boston, 2008, pp. 319–344

- Index 1–13