THE RISE OF EARLY MODERN SCIENCE

Islam, China, and the West

Third Edition

TOBY E. HUFF

Harvard University, Cambridge, Massachusetts



S

Contents

z

List of Figures and Tables Preface Acknowledgments		<i>page</i> vii ix xii
PA	RT I	Ţ
Introduction		3
I	The Comparative Study of Science	ю
2	Arabic Science and the Islamic World	53
3	Philosophy, Science, and Civilizational Configurations	, 76
4	The European Legal Revolution	111
5	Madrasas and the Transmitted Sciences	140
6	Universities and the Institutionalization of Science	172
PART II		201
7	Science and Civilization in China	203
8	Education, Examinations, and Neo-Confucianism Appendix 1: Anatomy, and Post-mortems in China	236 255
9	Poverties and Triumphs of Chinese Science Appendix 2: Books and Essays on Western Science and Astronomy	258
	Translated into Chinese by the Jesuits	288

PART III	291
10 The Rise of Modern Science	293
Epilogue – Science, History, and Development	325
Select Bibliography Index	334 376

ł

•

÷

5

2