

Islamic Science

An Illustrated Study

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photographs by Roland Michaud



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This is the first illustrated study of the whole of Islamic science ever undertaken. Basing himself on the traditional Islamic concept of science and its transmission and classification, the author discusses various branches of the Islamic sciences from cosmology, geography, and other qualitative and descriptive sciences to the mathematical sciences which include arithmetic, algebra, trigonometry, geometry, astronomy, and music as well as certain branches of physics. The author then turns to the application of the Islamic sciences to such domains as medicine, pharmacology, alchemy, agriculture and various forms of technology connected with irrigation as well as the making of automata. In the final section of the work, the author discusses the role of man in the Universe, the equilibrium between man and nature and the integration of the sciences of the Cosmos into the total scheme of knowledge drawn from the Quranic revelation. The book combines an account of the morphology and brief history of the various sciences with illustrations drawn from sources spread throughout the Islamic world.

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Front Cover Illustration

Miniature depicting man in the bound cosmos, surrounded by the heavens each corresponding to one of the prophets; the zodiacal signs; the lunar mansions which symbolize the letters of the sacred alphabet; and finally the angelic realm which is above all space and therefore beyond the visible cosmos and itself the gate to the Divine Presence.



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پسندج تا فاعل کتبه دان

درو پانزده اهل علم کزین
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نمودند نزدیک آن مقبر

ز یک سو صد خانه محقق