



*In the Name of Allah
the All-Merciful,
the All-Compassionate*

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Astronomy, Cosmology And Geometry

Dr. Ali Akbar Ziaee



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PREFACE

Islamic Sciences: Cosmology, Geometry and Astronomy is based on a research done on Ibrahim Hakki's *magnum opus*, *The Marifetnâme*. Ibrahim Hakki's great work deals with classical scientific subjects such as mathematics, astronomy, medicine and physics, and also offers discussions on modern scientific concepts and makes certain contradictory statements on "Islamic science" and "science." It is an interesting Islamic and scientific encyclopedia in Turkish. Ibrahim Hakki's great book was completed in 1765.

Ibrahim Hakki was an eighteenth-century Turkish saint and religious scholar who was an expert in anatomy, astronomy and mysticism. He presents the fundamental theories of Islamic cosmology concerning heaven, hell, *barzakh*, skies, earth, the planets of our solar system, solar eclipse, lunar eclipse, seas, mountains, and the function of human organs. He also discusses diseases and other medical issues as well as Islamic mysticism. In discussing the many issues in the book, in particular issues pertaining to Islamic mysticism, Ibrahim Hakki did not neglect to embellish it with some poetry. He also presented many geometric drawings pertaining to geometry. In every part of this book, I referred to *Marifetnâme* to describe Hakki's position to Islamic cosmology, geometry, evolution, and astronomy.

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