

# EPITOME OF COPERNICAN ASTRONOMY

## HARMONIES OF THE WORLD

JOHANNES KEPLER

Translated by Charles Glenn Wallis

The brilliant German mathematician Johannes Kepler (1571–1630), one of the founders of modern astronomy, revolutionized the Copernican heliocentric theory of the universe with his three laws of motion: that the planets move not in circular but elliptical orbits, that their speed is greatest when nearest the sun, and that the sun and planets form an integrated system. This volume contains two of his most important works: *The Epitome of Copernican Astronomy* (books 4 and 5 of which are translated here) is a textbook of Copernican science, remarkable for the prominence given to physical astronomy and for the extension to the Jovian system of the laws recently discovered to regulate the motions of the planets. *Harmonies of the World* (book 5 of which is translated here) expounds an elaborate system of celestial harmonies depending on the varying velocities of the planets.

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