

CONTENTS.

PART I.

THE SYSTEM OF THE WORLD HISTORICALLY DEVELOPED.

	PAGE
INTRODUCTION	1

CHAPTER I.

THE ANCIENT ASTRONOMY, OR THE APPARENT MOTIONS OF THE HEAVENLY BODIES.

§ 1. The Celestial Sphere.....	7
§ 2. The Diurnal Motion	9
§ 3. Motion of the Sun among the Stars	13
§ 4. Precession of the Equinoxes.—The Solar Year.....	19
§ 5. The Moon's Motion.....	21
§ 6. Eclipses of the Sun and Moon.....	24
§ 7. The Ptolemaic System	32
§ 8. The Calendar	44

CHAPTER II.

THE COPERNICAN SYSTEM, OR THE TRUE MOTIONS OF THE HEAVENLY BODIES.

§ 1. Copernicus.....	51
§ 2. Obliquity of the Ecliptic ; Seasons, etc. ; on the Copernican System.....	61
§ 3. Tycho Brahe.....	66
§ 4. Kepler.—His Laws of Planetary Motion.....	68
§ 5. From Kepler to Newton.....	71