

Astronomical lecture on the new dioastrodoxon, or, grand transparent orrery : twenty-one feet in diameter.

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ASTRONOMICAL LECTURE
ON THE NEW
DIOASTRODOXON,
OR,
GRAND TRANSPARENT ORRERY,
TWENTY-ONE FEET DIAMETER;

Richly decorated with appropriate Scenery: the Whole forming a correct Illustration of the sublime Economy of the Celestial System.

This elaborate and splendid Apparatus represents the Sun in the Centre of the Solar System, turning round its Axis, with the Spots upon its Disk, displaying its rotary Motion, Rays divergent. It exhibits, in the most simple and convincing Manner, by a Glass Globe, Twelve Inches Diameter, and accurately adjusted, the Diurnal and Annual Motion of the Earth, and its Parallelism, by which the interesting Causes of Day, Night, Twilight, long and short Days, and the different Seasons, are agreeably and beautifully represented.

The Diurnal and Annual Motion of the Earth and Moon round the Sun, by which the Phenomena of the Earth and Moon, their relative Situations, and the Eclipses of the Sun and Moon, are fully and clearly demonstrated.

The Diurnal Motion of the Earth round its Axis, its Annual Motion round the Sun, and that round the Common Centre of Gravity with the Moon, familiarly explaining the universal Law of Gravitation, and its Influence in producing the Spring and Neap Tides.

Every Planet and Satellite, including the Georgium Sidus, in Annual and Diurnal Motion, their Revolutions, Oppositions, and Conjunctions, forming a most sublime and beautiful Spectacle.

A Comet will descend in a parabolic Curve from the Top of the Theatre progressively, accelerated in its Approach towards the Sun, and turning round that Luminary gradually retarded, describing equal Areas in equal Times, according to the Laws of Planetary Motion.

In this splendid Variety, the simple, beautiful, and sublime Harmony of Nature is admirably imitated, the Appearance of the fixed Stars, and every modern Discovery made by Dr. HERSCHELL, Mr. SCHROETER, and other eminent Astronomers, will be introduced in the Lecture and Exhibition.

To begin at Seven o'Clock each Evening.—Subscription Tickets, Gentlemen 7s. 6d. Ladies 6s. the three Lectures, transferable.—Non-Subscribers 3s. each Lecture.

TICKETS may be had of Mr. LLOYD, at Mr. MARTIN's, Shoe Maker, near the Coffee Room, Church Street; where may be had a Companion to the Lectures, Price 1s. and at the Assembly House.

Mr. LLOYD begs Leave, with the utmost Deference, to remark, that the three Lectures will be final, the Engagements of the Room not admitting of any more.

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