



**Barry Lawrence Ruderman
Antique Maps Inc.**

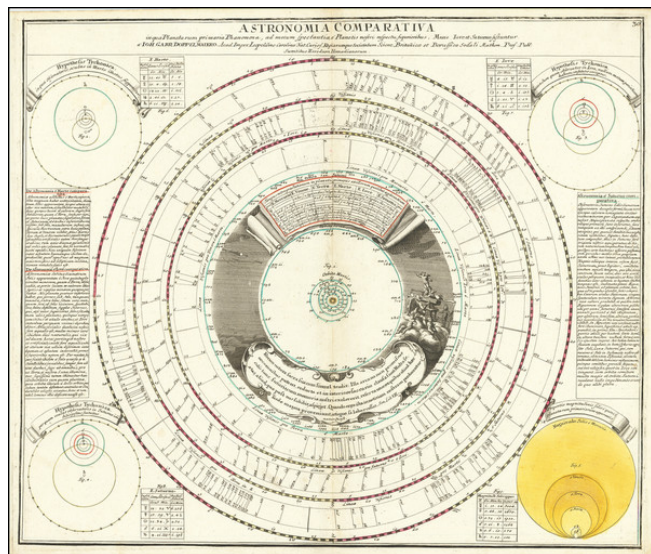
7407 La Jolla Boulevard
La Jolla, CA 92037

www.raremaps.com

(858) 551-8500
blr@raremaps.com

**(Tychoinic and Copernican Models) Astronomia Comparativa in qua Planetarum
primaria Phaenomena, ad motum Spectantia e Planetis nostri respectu. . .**

Stock#: 78764
Map Maker: Doppelmayr
Date: 1742
Place: Nuremberg
Color: Hand Colored
Condition: VG
Size: 22.5 x 19 inches
Price: \$ 450.00



Description:

A fascinating 18th-century depiction of the Solar System, focused on a large display showing the Copernican system.

The central blue lines show the orbit of the then-known planets. This is surrounded by several additional concentric circles which appear to show the relative timings of when Saturn, Jupiter, and the zodiac can be seen. Three of the corners of the map show a very interesting take on the Tychoinic model, that is, what it would look like if an observer on Mars, Saturn, or Jupiter were stationary. An additional diagram in the lower left shows the comparative sizes of planets, which is mostly correct except that Venus is shown as bigger than earth.

By the time this book was published, the discovery of stellar aberration (apparent motion of the stars) by James Bradley had already been made, so this model is here likely included solely for completeness. Still, it is very interesting that the plate shows a Tychoinic model for each planet and is a very unusual configuration.

This plate originally appeared in Doppelmayr's *Atlas Coelestis, in quo mundus spectabilis. . .*, a treatise on 18th-century astronomical knowledge.

Detailed Condition:



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Original hand-color. Faint centerfold toning.