

The Revolution of Landscape Mathematics

Hidden in Nature's Mathematics

In this Landscape Mathematics system, the nodes on the *imaginary* circles of the Pioneer Courthouse Square represent the number of orbits a particular planet and the Sun makes around the Earth. Each move is represented by the sequence of steps in the square. Once the circular orbit of a planet or the Sun is complete around Earth, so is the spatial experience of traveling the steps in the plaza.

The amount of light the plaza receives complements its hidden beauty and logic. The design of the Square allows for the Sun and the Moon to enamor the open space with natural light—as Earth is the center.

The floor is a grid of quadrants with coordinates to star constellations.

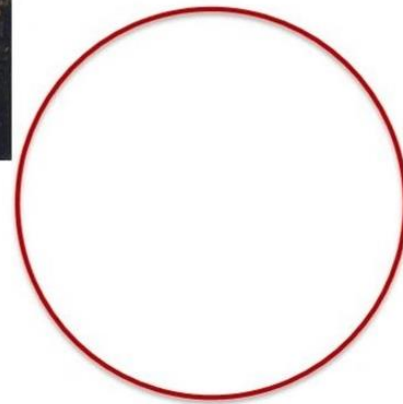
The columns surrounding the piazza embellishes the Greek agora design perimeter with beauty, order, function, form, and materialization; while the gods are admiring from a distance—the worshipping of the Sun and Moon gods by those who enter.

The Pioneer Courthouse Square System



Photograph courtesy of Soderstrom Architects.

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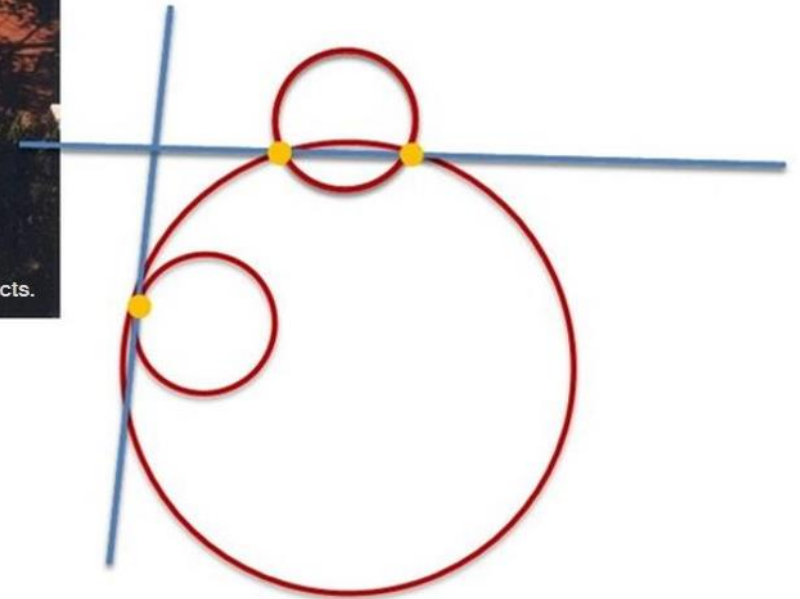
**From Euclid's *Elements*. Book III. Definition III.
Circles are said to touch one another which meet,
but do not cut one another.**



Photograph courtesy of Soderstrom Architects.

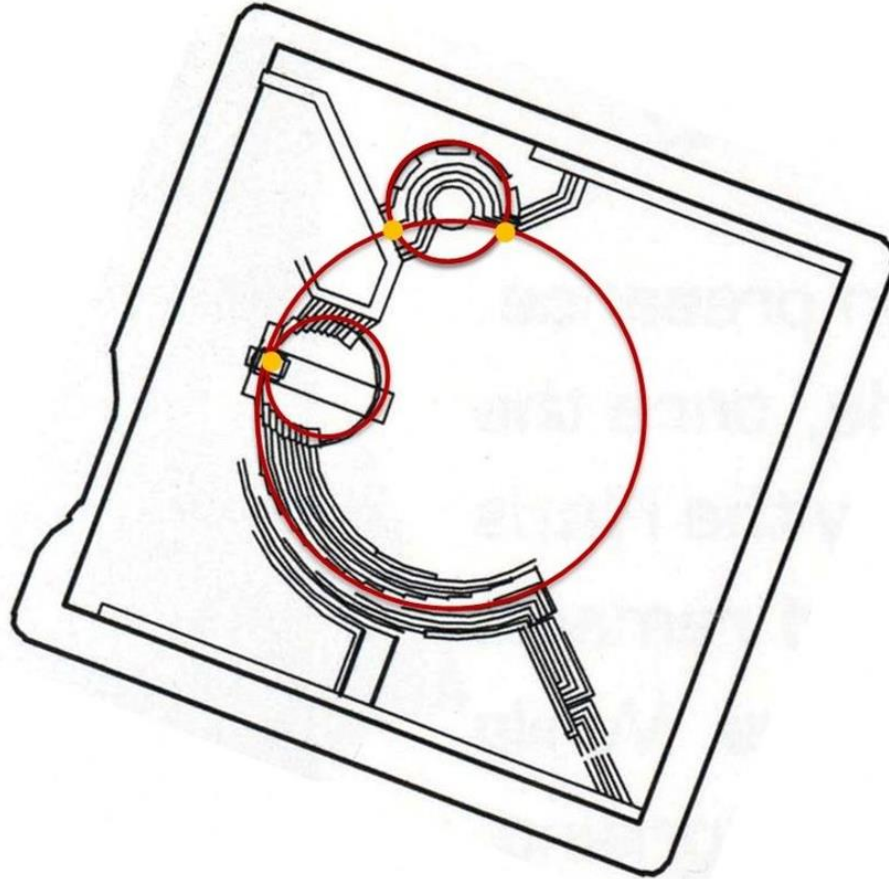
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The Geocentric Model of Ptolemy

A representation of the Ptolemaic Solar System—deciphered logic of Pioneer Courthouse Square.

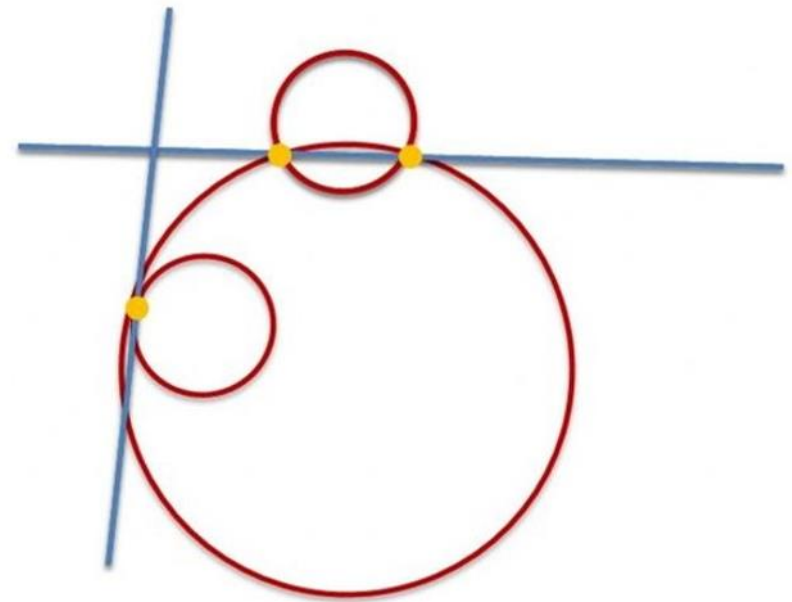
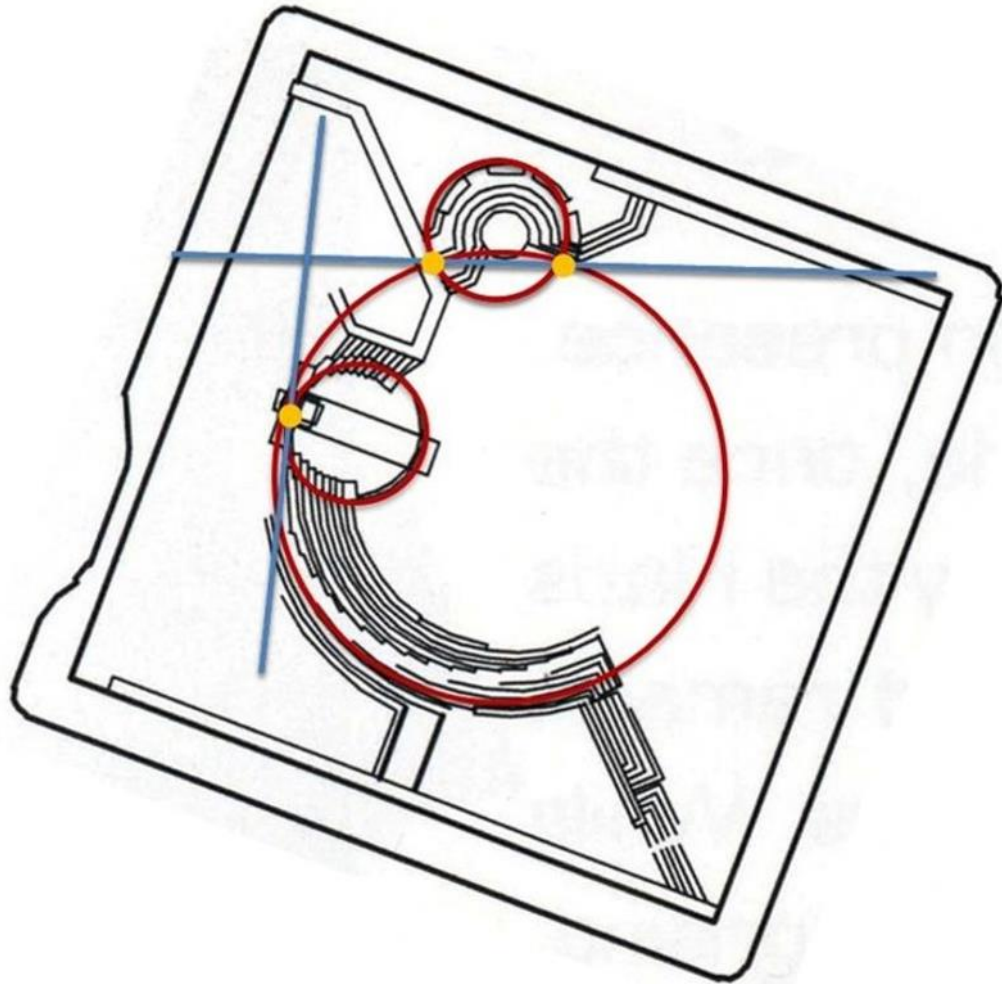


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The central sphere is Earth. The sphere with one node represents the Sun, which equates to one circular orbit, and the sphere with two nodes represents a particular planet with two circular orbits—all of which are relative to Earth.

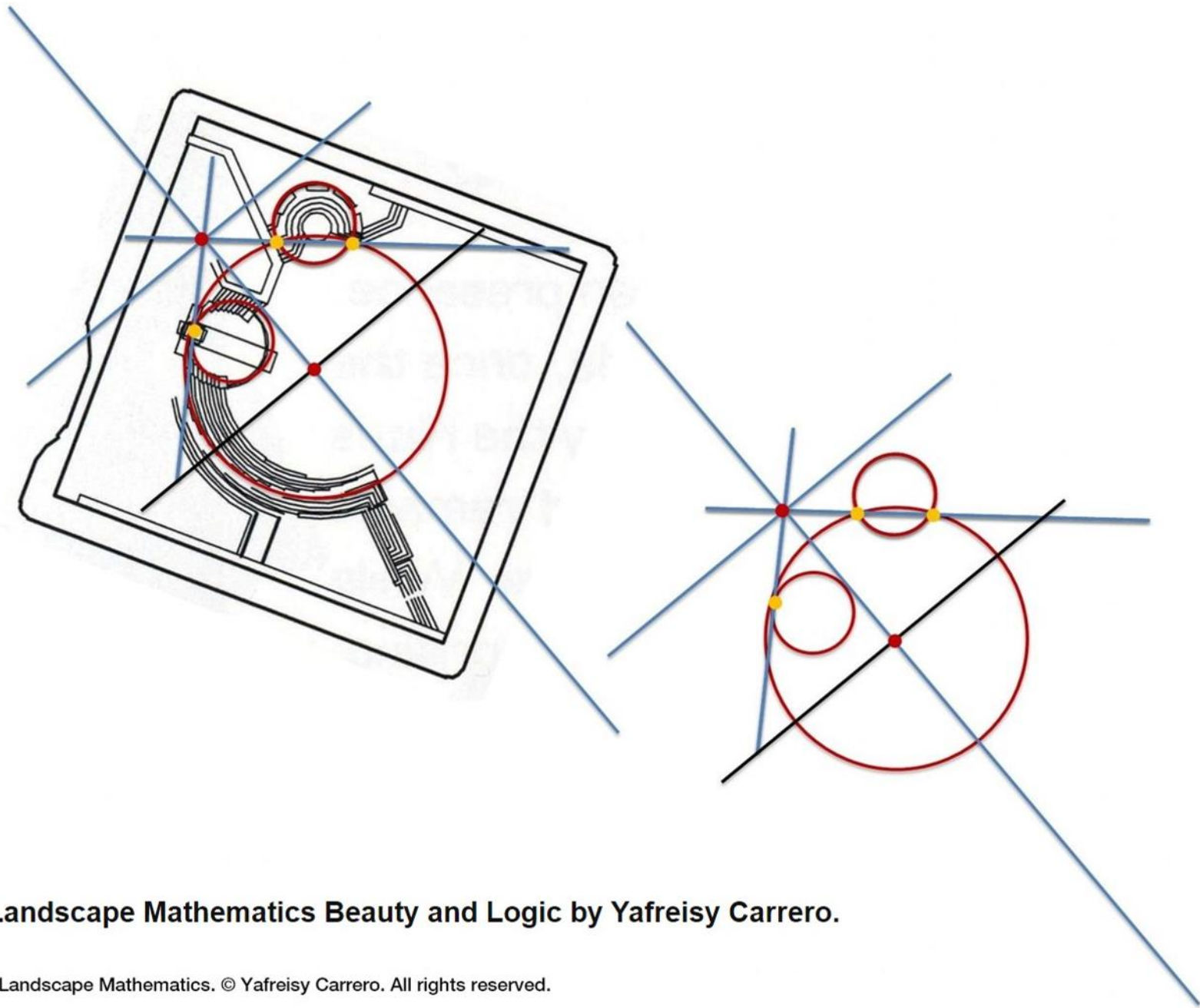


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The axial lines provide the reference to determine the center of Earth. Showing that the circular orbit of the Sun is tangent to the Earth's position, and the circular motion of a particular planet is secant to Earth.



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The Earth is divided into four equal quadrants; following the laws of trigonometry and Euclid's Postulates, one can calculate the distance of the Sun and other planets from Earth.

Landscape Mathematicians design with numbers subconsciously.

The Third Law of Landscape Mathematics states that the moment you start to recognize and understand that mathematics is the language of nature, and *see* the *unseen* laws of this beautiful world of numbers, and mimic its logic to create original systems, you are a Landscape Mathematician.

We continue to advance with Landscape Mathematics. The Pioneer Courthouse Square expresses the in-between of a different spectrum. The model created in the square reminds us of how much progress we have made in this world of numbers as human beings. And discovered that there are two different models of the solar system facing each other: the Ptolemaic principle from a square on Earth and the Copernican system from Space.

**The complete and original text appears in
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