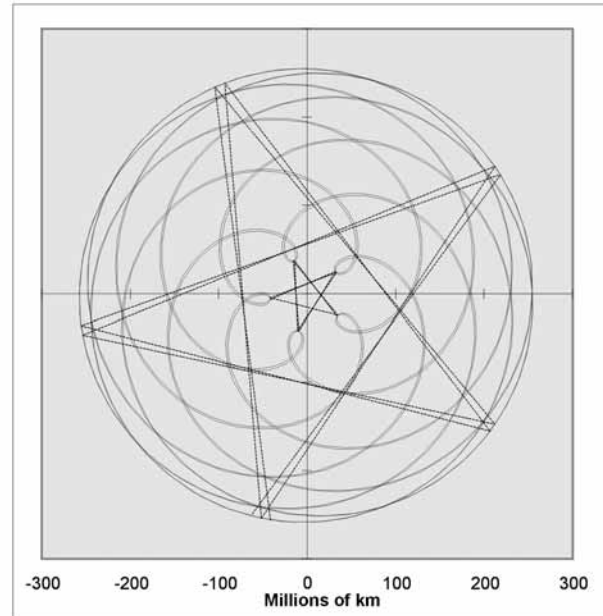


Figure 1 Venus - Earth

Venus-Earth linklines (imaginary connecting lines), 1000 times, stepping interval 3 days plotted sequentially. Heliocentric depiction. Drawn in the plane of the ecliptic, related to the equinox 1 January 2000.

The orbital periods of earth (365.256 days) and Venus (224.701) show almost precisely a ratio of 13:8 (exactly 13,0042:8). This resonance leads to a movement structure organized according to the number five between the two planets. The loop figure from a geocentric view and the five-pointed star also described as a *pentagramma veneris* has been known for a long time.

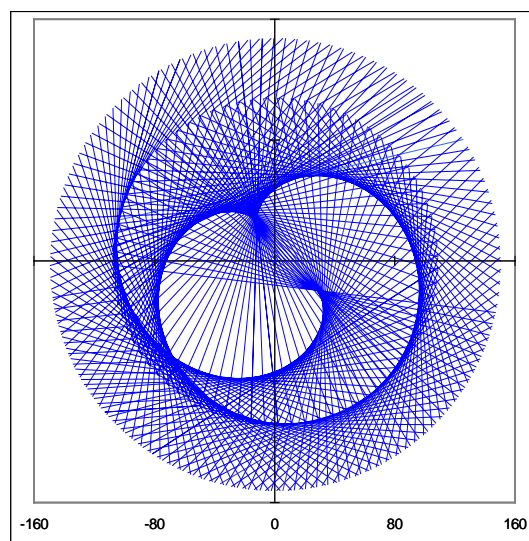
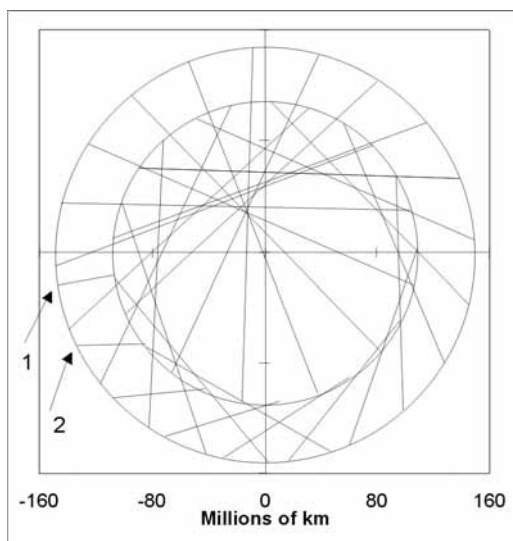
With the representation method using the linklines published in *Signature of the Celestial Spheres*, it can be seen that the geometrical formative principle repeats itself in the heliocentric view. In Figure 1 the loop formation and the pentagram overlap to form, as it were, a star flower.



The time interval can be freely chosen but should not be too long. The two following illustrations show the principle of the formation.

For reasons of clarity a greater increment of 18 days has been chosen in the left-hand figure. In addition the orbits of the two planets are marked (Venus inside):

Venus/Earth loops as seen from Venus. Period: 15.987 years (10 conjunctions). The pentagrams show the conjunction and opposition (outer) positions. The figure is the same in a geocentric view, but rotated by 180°.



Left: 27 steps, beginning with the conjunction position on 30 March 2001; right: 275 steps

The first petals of the star flower are already evident in the middle of the right-hand illustration. But before it can blossom in full splendour, a little patience is still needed, namely a full conjunction cycle of $5 \cdot 583.921 = 2919.605$ days = 7.993 years.