Figure 5 Mercury - Mars - Saturn

Linklines (imaginary connecting lines) between Mercury and Mars at Mercury/Saturn conjunctions, 750 times, beginning on 10 February 2000, period 182.12 years (detail enlargement 2:1, rotated by -65 degrees against the vernal equinox on 1 January 2000).

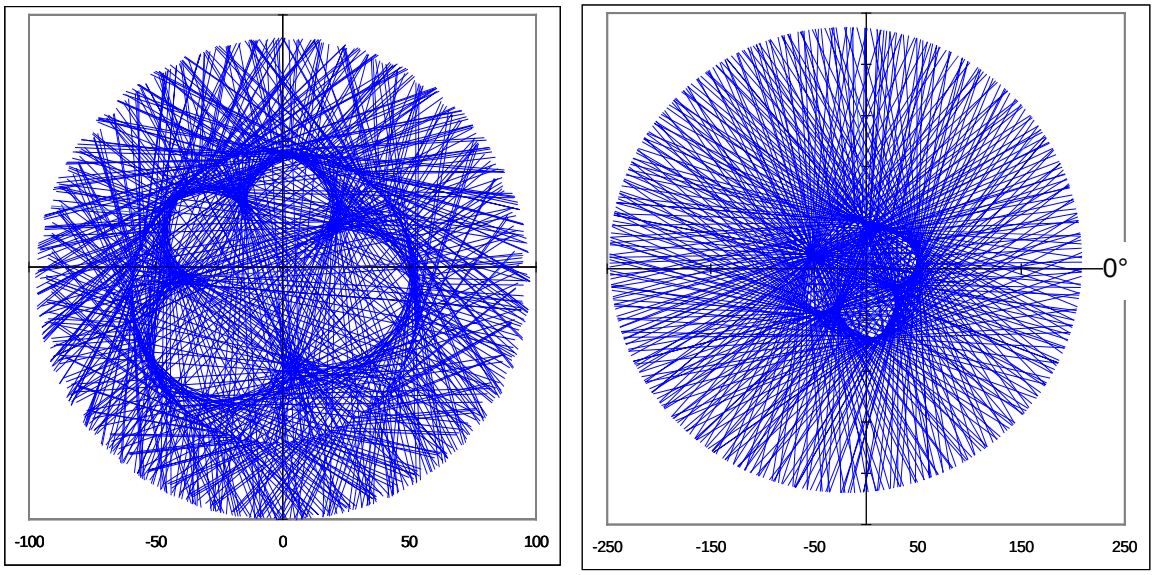
Rays shine out from this cross, especially from its pinnacle. The light bursts forth there as do the beams of the hidden Sun among trees on the summit of distant mountains. It resembles a promise, an ongoing parable-like assurance, given by the harmony of the planets, that beyond the all-destroying cross of time an inextinguishable flame is burning. Or one might also say: it is the cross which enables the vision of light to emerge.

The mathematical reason for the overall formation of this figure lies in what we call a fractional resonance. The revolution and conjunction periods of the 3 planets show the following periods:

Mercury	87.96925 days	Mercury/Saturn	88.694 days
Mars	686.9799 days	Mercury/Mars	100.888 days
Saturn	10759.223 days	Mars/Saturn	733.836 days

91 Mercury/Saturn conjunctions correspond very exactly to 80 Mercury/Mars and 11 Mars/Saturn conjunctions. In this period of approx. 22.1 years the 3 planets cover - also fairly accurately - 91 3/4 (Mercury), 11 3/4 (Mars) and 3/4 (Saturn) of their orbits.

The formation according to the number four results solely from the fractional part of the numbers (three quarters) and appears also in further possible constellations of these 3 celestial bodies. The cross shows itself in the innermost part of the complete figure which is limited by Mercury's orbit as can also be seen in another example. For reasons of clarity a detail enlargement was chosen here as also in Figure 5. The second (right-hand) figure is added for comparison.



Left: Mercury-Saturn linklines at Mercury/Mars conjunctions, 750 times, beginning 6 February 2000, period 207.16 years (detail enlarged 15:1). Right: Figure 5 without enlargement and not rotated against the equinox, i.e. the vernal equinox on 1 January 2000 lies on the right-hand edge of the diagram (0°) as is usual in astronomical representations, (500 times). Scale in millions of km.