



Make all points and construction lines invisible, except the original broken line's points, as it is shown in the figure above. Rotate the ray by  $72^\circ$  five times, then translate the firstly constructed ray with the longer diagonal of that rhombus, which was used for construction. The translated object is needed to be rotated again five times, thus you obtain a rosette in the fifth-order. By moving the original broken lines the ray becomes distorted, but different beautiful fifth-order rosettes can be obtained as shown in some examples below.

