Zbl 274.50006
Bankoff, Leon; Erdős, Paul; Klamkin, Murray S.
The asymmetric propeller. (In English)
Math. Mag. 46, 270-272 (1973). [0025-570X]

Two proofs are given of the theorem: if OAB, OCD and OEF are equilateral
triangles of the same orientation then the midpoints of BC, DE and FA are the
vertices of an equilateral triangle.

O.Bottema

Classification:
51F99 Metric geometry
52A10 Convex sets in 2 dimensions (including convex curves)