

$$B_1MB_2\measuredangle = 180^\circ - (MB_1B_2\measuredangle + MB_2B_1\measuredangle)$$

s minthogy

$$MB_1B_2\measuredangle + MB_2B_1\measuredangle = B_1AO_1\measuredangle + B_2AO_2\measuredangle = 180^\circ - O_1AO_2\measuredangle,$$

azért

$$B_1MB_2\measuredangle = O_1AO_2\measuredangle = \text{const.}$$

Minthogy tehát az O_1O_2 húrhoz tartozó $B_1MB_2\measuredangle$ állandó, azért M pont olyan kört ír le, melynek sugara

$$r = \frac{O_1O_2}{2 \sin O_1AO_2\measuredangle}.$$

(Kirchknopf Ervin, Budapest.)