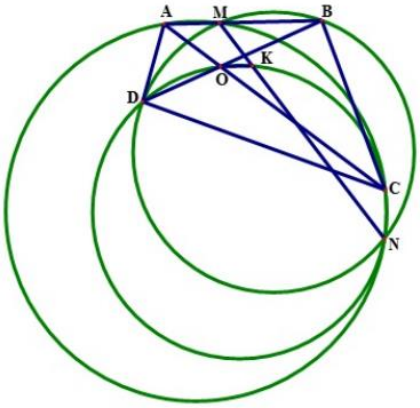

Example 1 91 : As shown in Figure 1 , the quadrilateral $ABCD$, AC intersects BD at O, M is a point on AB, the circumcircle of $\triangle ACM$ *intersects* with the circumcircle of $\triangle BDM$ *at* N, to prove: B, O, C, N four points circle; if MN intersects the circumscribed circle of $\triangle BOC$ on K, then AB // OK.

Proof: $\dfrac{\frac{A-C}{B-D}}{\frac{N-C}{D-N}}\dfrac{\frac{A-M}{A-C}}{\frac{N-M}{N-C}}\dfrac{\frac{B-D}{B-M}}{\frac{N-D}{N-M}}\dfrac{M-B}{A-M}=1$, $\dfrac{O-K}{A-B}\dfrac{\frac{N-M}{N-C}}{\frac{O-K}{A-C}}\dfrac{\frac{A-B}{A-C}}{\frac{N-M}{N-C}}=1$.