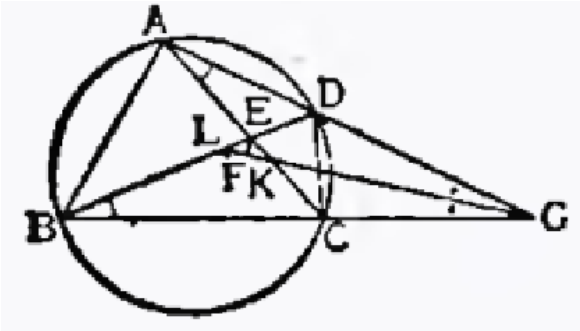

Example 131 : As shown in Figure 3, let the extended lines of sides AD and BC of the inscribed quadrilateral $ABCD$ intersect at point G, AC and BD intersect at point E, and the bisector of AGB passing through E intersect BD and AC at F and K, Prove: $EF = EK$.

$$\frac{\frac{B-D}{K-G}}{\frac{G-K}{C-A}}=\frac{\frac{C-B}{G-K}\frac{D-B}{D-A}}{\frac{G-K}{D-A}\frac{C-B}{C-A}}.$$