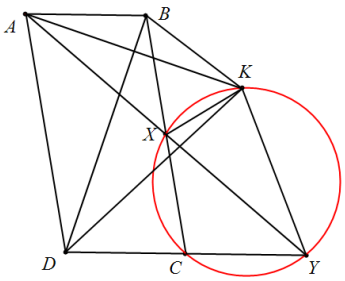

Example 1 95 : As shown in Figure 1 , parallelogram $ABCD$, the angle bisector of $\angle A$ intersects BC *at* X , DC intersects *at* Y , and K and A are symmetrical about BD. Prove : C, X, Y, K *are* four points in a circle .

$$\left(\frac{\frac{D-A}{X-K}}{\frac{B-A}{Y-K}}\right)^2 \frac{A-B}{A-D}\frac{K-X}{K-B}\frac{B-A}{Y-K}\frac{K-B}{K-D}\frac{D-A}{X-K}\frac{K-Y}{K-D}=1.$$