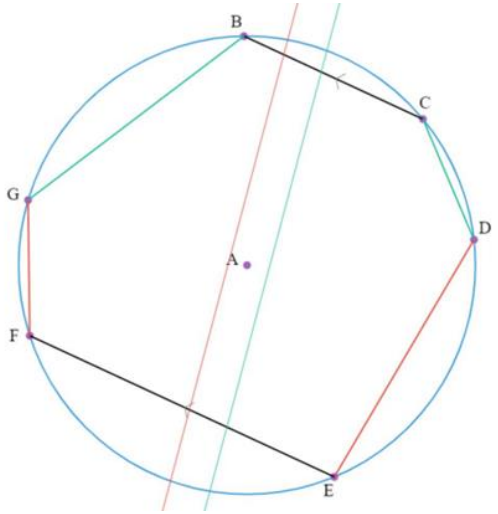

Example 1 91 : As shown in Figure 1 , the circle inscribes the polygon $BCDEFG$, where FG and ED *are symmetrical* about the straight line l_1, BG and DC *are symmetrical* about the straight line l_2, then $EF//BC \Leftrightarrow l_1//l_2$.

Proof: If known $l_1//l_2$, then by $\frac{\frac{B-C}{B-E}}{\frac{D-C}{E-D}}\frac{\frac{G-F}{B-G}}{\frac{E-F}{E-B}}\frac{\frac{L}{E-D}}{\frac{F-G}{L}}\frac{\frac{B-G}{L}}{\frac{L}{C-D}}\frac{E-F}{C-B}=1$, can be obtained $EF//BC$. If it is known $EF//BC$, then $\frac{\frac{B-C}{B-E}}{\frac{D-C}{E-D}}\frac{\frac{G-F}{B-G}}{\frac{E-F}{E-B}}\frac{\frac{l_1}{E-D}}{\frac{F-G}{l_1}}\frac{\frac{B-G}{l_2}}{\frac{l_2}{C-D}}\frac{E-F}{C-B}$ it is a positive real number because it $\left(\frac{l_1}{l_2}\right)^2$ is a positive real number, and it can be obtained $EF//BC$.