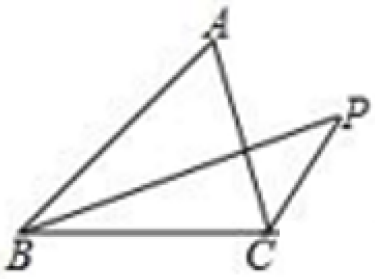

Example 64 : As shown *in* Figure 1, if the point P is *the* intersection of the bisectors of the exterior angles $\angle BPC = \frac{1}{2}\angle A$ of ∠ABC and ∠ACB , then .

$$\frac{\left(\frac{P-C}{P-B}\right)^2}{\frac{A-C}{A-B}} = \frac{\frac{B-A}{B-P}\frac{C-P}{B-C}}{\frac{B-P}{B-C}\frac{C-A}{C-P}},$$