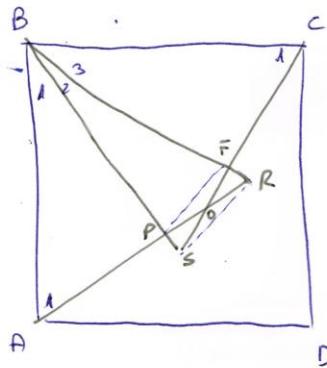


0.41
6



$$k\beta_1 + k\beta_2 = 60^\circ \quad \text{---} \quad (1)$$

$$\Rightarrow k\beta_3 = 30^\circ$$

$$k\beta_2 + k\beta_3 = 60^\circ$$

$$k\beta_1 = 30^\circ$$

$$k\alpha_1 = 60^\circ \quad \therefore \underline{\Delta ABR}$$

$$k\beta_1 = 30^\circ$$

$$\Rightarrow k\beta PA = 90^\circ$$

$$\frac{1}{2}AB = \frac{1}{2}AR = AP = PR \quad \text{perpendicular to } BP$$

$\triangle ABC$

$$k\alpha_1 = 60^\circ$$

$$k\beta_3 = 30^\circ$$

$$k\beta FC = 90^\circ$$

$$\frac{1}{2}AB = \frac{1}{2}BC = \frac{1}{2}SC = FC = FS \quad \text{perpendicular to } BF$$

$$CF + AP = \frac{1}{2}AB + \frac{1}{2}AB = AB$$

(2)

$$BS = BC = AB = BR$$

$$(S.S.S) \triangle BCF \cong \triangle ABP \Rightarrow BF = BP$$

(3)

$$BS - BP = BR - BP$$

$$\boxed{PS = FR}$$

eksi nökle pý cib $\triangle BSR$! $\triangle BPF$

nökle pýjle de olaçan nökle pýj

$$kPSR = kBPF \Rightarrow PF \parallel SR \quad (\text{Nöklək})$$