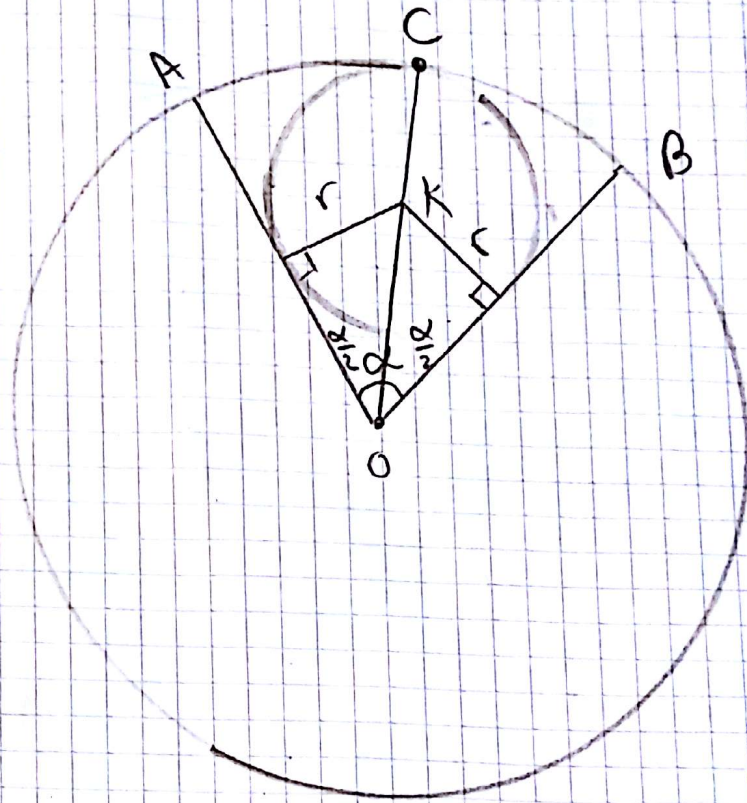


(2)



ICP דפון 013) r  
 SI3P (פון 013) R

$$S_{\text{דפון}} = \pi r^2$$

$$S_{\text{קטע}} = \frac{\pi R^2 \cdot \alpha}{2\pi} = \frac{R^2 \alpha}{2}$$

$$\frac{S_{\text{קטע}}}{S_{\text{דפון}}} = \frac{R^2 \alpha}{2\pi r^2} = \frac{\alpha}{2\pi} \cdot \left(\frac{R}{r}\right)^2$$

$$OC = R \quad OC - KO = r$$

$$\frac{r}{R} = \sin \frac{\alpha}{2}$$

$$KO = \frac{r}{\sin \frac{\alpha}{2}}$$

$$\frac{\text{gross } S}{\text{net } S}$$

$$= \frac{2\pi S M^2 R}{R^2 (1 + S M^2 R)}$$

//

$$\frac{\text{gross } S}{\text{net } S}$$

$$= \left( \frac{1 + S M^2 R}{S M^2 R} \right)^2$$

$$\frac{2\pi}{R}$$

$$R \mid R$$

//

$$\frac{S}{M^2 R} + \frac{1}{M^2 R}$$

$$R$$

//

$$\left( \frac{S}{M^2 R} - 1 \right)^2 + 1$$

$$R$$

$$\frac{S}{M^2 R} \mid R$$

$$= R$$