

25
k8

$$\frac{\sin \alpha - \sin \beta}{\sin \alpha} = 1 - 2 \cos \alpha$$

$$1 - \frac{\sin \beta}{\sin \alpha} = 1 - 2 \cos(180 - \alpha - \beta)$$

$$\frac{-\sin \beta}{\sin \alpha} = +2 \cos(\alpha + \beta)$$

$$-\sin \beta = +2 \cos(\alpha + \beta) \sin \alpha$$

$$-\sin \beta = \sin(2\alpha + \beta) - \sin \beta$$

$$\sin(2\alpha + \beta) = 0$$

$$2\alpha + \beta = \pi k$$

$$2\alpha + \beta = \pi$$

$$\alpha + \beta + \alpha = \pi$$

$$\boxed{\alpha = \pi - \beta}$$

k=1 n=0

solc

psr