

ES 64 PAG 144

$$\cos(\overset{x}{\text{arctg } z}) = y$$

$$\cos x = y$$

$$x = \text{arctg } z$$

$$z = \text{Tg } x$$

$$\frac{\text{sen } x}{\cos x} = z$$

$$\frac{\sqrt{1 - \cos^2 x}}{\cos x} = z$$

$$\frac{1 - \cos^2 x}{\cos^2 x} = 4$$

$$1 - \cos^2 x = 4 \cos^2 x \quad \text{e} \quad \cos^2 x = 1 \quad \cos^2 x = \frac{1}{5}$$

$$\cos x = \sqrt{\frac{1}{5}}$$