NA TABELA DE DERIVADAS DO
APEX CALEVIUS A FÓRMULA 19
É:

$$19. \frac{d}{dx} (\sin^{-1} x) = \frac{1}{\sqrt{1-x^2}}$$

VAMOS ESCRESÊ-LA COMO:

$$[APEXDIFF 19] := \left(arcsen' X = \frac{1}{\sqrt{1-x^2}} \right)$$

 $[TRIGO] := \left[\frac{d}{dx} \operatorname{arcsen} x = \frac{1}{\cos(\operatorname{arcsen} x)}\right]$

EHTAD:

 $\frac{d}{dx}$ arcsen $x = \frac{1}{\cos(\arccos x)}$

= (cos (arcsen x))2

(POR [TRIGO])

(POR (cos d) = 1 - (sen a))

(POR Sen (arcsen x) = x)