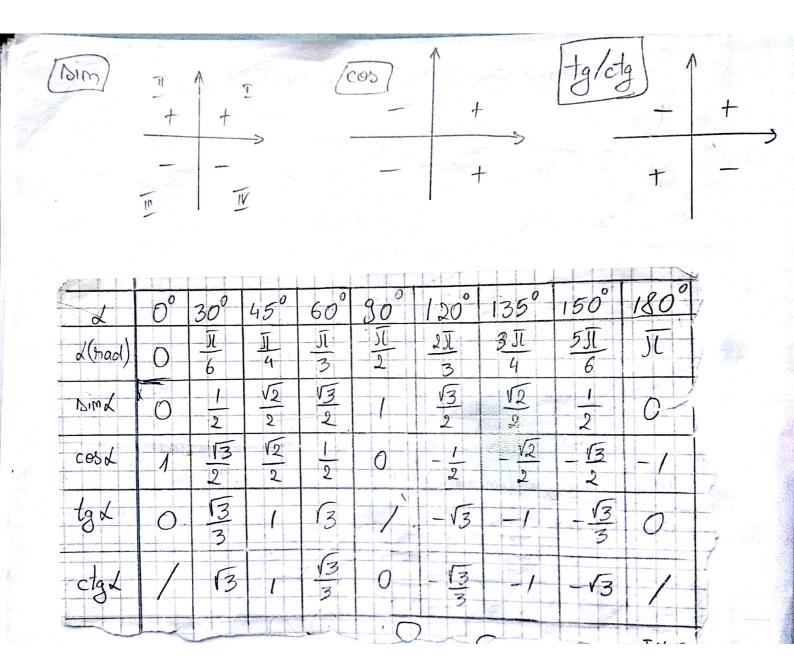
FORMULE TRIGONOMETRICE

		The second secon
13im2x + cos2x = 1	Bim 2d = 2 him & cosx	
Ces21 = ces21 - 1sim21	$\cos 2\lambda = 2\cos^2 \lambda - 1$	
$cob2d = 1 - 2 sim^2 d$	$2\sin^2\frac{\alpha}{2} = 1 - \cos^2\alpha$	
$2\cos^2 \frac{1}{2} = 1 + \cos x$	$1 + tg^2 \chi = \frac{1}{\cos^2 \chi}$	
$1 + \operatorname{ctg}^2 \chi = \frac{1}{\operatorname{bim}^2 \chi}$		bim(-d) = -bimd
Nsim(a+b) = Nsima · cosha + Nsimbcosha		cos(-x) = cos x $tg(-x) = -tgx$
dim(a-b) = torrid cos a $cta(-x) = -ctax$		ctg(-x) = -ctgx
$ces(a \pm b) = cosa cosb + Nima Nimb$		
$bim x = \frac{2 + \frac{1}{2} x}{1 + \frac{1}{2} \frac{2x}{2}} = \frac{1 + \frac{1}{2} x}{1 + \frac{1}{2} \frac{2x}{2}} = \frac{1 - \frac{1}{2} x}{1 + \frac{1}{2} \frac{2x}{2}} = \frac{1 - \frac{1}{2} x}{1 + \frac{1}{2} \frac{2x}{2}}$		$\frac{49\frac{2x}{2}}{49\frac{2x}{2}} = \frac{1-t^2}{1+t^2}$
$cos^2 X = \frac{1 + cos^2 X}{2}$	Mim2x =	1-ces2x



C' = 0

DERIVATE

$$X' = 1$$

$$(ahesimx)' = \frac{1}{\sqrt{1-x^2}}$$

$$(\chi^m) = m \cdot \chi^{m-1}$$

$$(anccosx) = -\frac{1}{\sqrt{1-x^2}}$$

$$(\sqrt{x})' = \frac{1}{2\sqrt{x}}$$

$$(anelgx)$$
 = $\frac{1}{1+x^2}$

$$\left(\sqrt[m]{x}\right) = \frac{1}{m\sqrt[m]{x^{m-1}}}$$

$$\left(\operatorname{arcclgx}\right)' = -\frac{1}{1+x^2}$$

$$\left(\ln x\right)^2 = \frac{1}{x}$$

$$(\log_a X) = \frac{1}{k \ln a}$$

$$(f^{-1})'(y_0) = \frac{1}{f'(x_0)}; y_0 = f(x_0)$$

$$(e^{x})^{1} = e^{x}$$

$$(f \cdot g)' = f'g + f \cdot g'$$

$$(a^x)^1 = a^x lma$$

$$\left(\frac{f}{g}\right)^2 = \frac{f'g - fg'}{g^2}$$

$$(\cos x)' = -bim x$$

$$(tgx) = \frac{1}{\cos^2 x}$$

$$(ct_g x)' = -\frac{1}{\sin^2 x}$$