Trigonometry

ANLAN I - AND MILE

$$Sin (A+B) Sin (A-B) = Sin^2A - Sin^2B$$

= $Cep^2B - Cep^2A$
 $Cep (A+B) Cep (A-B) = Cep^2A - Sin^2B$
= $Cep^2B - Sin^2A$

$$7am(A \pm B) = \frac{7am \pm 7amB}{1 \mp 7amA7amB}$$

Cof $(A \pm B) = \frac{CetterCetB}{CofB \pm CetA}$

$$sine + sinD = 2 sin \frac{c+D}{2} cas \frac{e-D}{2}$$

 $sine - sinD = 2 cas \frac{c+D}{2} sin \frac{e-D}{2}$
 $cese + casD = 2 cas \frac{e+D}{2} cas \frac{e-D}{2}$
 $cese + casD = 2 sin \frac{e+D}{2} sin \frac{D-e}{2}$

$$sin 3A = 3 sin A - 4 sin 3A$$
 $coo 3A = 4 coo 3A - 3 coo A$
 $sin 2A = \frac{2 7an A}{1 + 7an ^2 A}$
 $coo 2A = \frac{1 - 7an ^2 A}{1 + 7an ^2 A}$
 $7an ^2 A = \frac{1 - coo 2A}{1 + coo 2A}$

 $\frac{1 + \cos 2\theta}{1 - \cos 2\theta} = 2 \cos^2 \theta \\
 \frac{1 - \cos 2\theta}{2 + \cos 2\theta} = 2 \sin^2 \theta \\
 \frac{3 + \cos \theta}{1 - 3 + \cos^2 \theta}
 \frac{1 - 3 + \cos^2 \theta}{1 - 3 + \cos^2 \theta}$