ty(a) + tg(B) Proposizione: ton (x+B) = 1- tg (4) tg (B) tan (d-B) = tg(d) - tg(p) 1 + tg (2) tg (B) $\frac{\sin(\alpha+\beta)}{\sin(\alpha+\beta)} = \frac{\sin(\alpha)\cos(\alpha)}{\sin(\alpha+\beta)\cos(\alpha)}$ Dim: ton (d+B) cos(a+B) cos(a) cos(B) - sin(A) sin(B) $= \frac{Sim(a)\cos(\beta)}{\cos(a)\cos(\beta)} + \frac{Sim(\beta)\cos(a)}{\cos(a)\cos(\beta)}$ Spirito: Divido per sobe per for comparire le tongeuti. $\frac{\text{Costal costa})}{\text{Costal Costa}} = \frac{\text{Sin(A) sin(B)}}{\text{Costal Costal}}$ Divido Num e Den peu (B) (COS(A) = tg(a) + tg(B) $= \frac{1}{1 - \lg(a) \lg(b)}$ $= \frac{1}{1 - \lg(a) \lg(b)}$ = tg (a) - tg (B)
1+ tg (a) tg (B) Proposizione (Formula dell'augolo auguinto): Se ho una scritture del tipo a sin x + b cos x con a, b e IR esistono unici r > 0, x angolo tali de $asinx + b cosx = r \cdot sin(x + a)$ 2 è detto angle aggiuto

Din: Uso formula di somna în sin (x+a)

$$Sin\left(\frac{x}{2}\right) = \pm \sqrt{\frac{1-\cos x}{2}}$$

$$Cos\left(\frac{x}{2}\right) = \pm \sqrt{\frac{1+\cos x}{2}}$$

$$tg\left(\frac{x}{2}\right) = \pm \frac{1-\cos x}{\sin x}$$

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$$tg\left(\frac{x}{2}\right) = \cos^2 x - \sin^2 x$$

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$$tg\left(\frac{x}{2}\right) = \cos^2 x - \cos^2 x$$

$$tg\left(\frac{x}{2}\right) = 2\cos^2 \frac{x}{2} - 1$$

$$cos\left(\frac{x}{2}\right) = 2\cos$$

Proposizione: Formula di Bisezione:

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1+
$$\cot^2 \alpha$$
 + $\sin \left(\frac{\pi}{4} + \alpha\right) = \csc^2 \alpha$ + $\cos \left(\frac{\pi}{4} - \alpha\right)$

1+ $\cot^2 \alpha$ + $\sin \left(\frac{\pi}{4} + \alpha\right) = \csc^2 \alpha$ + $\cos \left(\frac{\pi}{4} - \alpha\right)$

1+ $\cos^2 \alpha$ + $\sin \left(\frac{\pi}{4} + \alpha\right) = \cot^2 \alpha$ + $\sin^2 \alpha$

1- $\cos^2 \alpha$ + $\sin^2 \alpha$

1- $\cos^2 \alpha$ + $\sin^2 \alpha$

1- $\cos^2 \alpha$ + $\cos^2 \alpha$ + $\sin^2 \alpha$

1- $\cos^2 \alpha$ + $\cos^2 \alpha$

1- $\cos^2 \alpha$ + $\cos^2 \alpha$

1- $\cos^2 \alpha$

1-