## Plane Geometry Ellipse

Find the minimum angle between a pair of conjugate diameters of the ellipse





 $M_{1} = \frac{2}{2} tan0$ slope of 09 m  $\frac{1}{2} = \frac{2(0,00-0)}{-3,000-0} = -\frac{2}{3}(0,00)$  $\frac{1}{2} = \frac{1}{2}(0,00-0) = -\frac{2}{3}(0,00)$  $\frac{1}{2} = \frac{1}{2}(0,00-0) = -\frac{2}{3}(0,00)$ 2 Coso-0 det tand = 2 tano + 2 600  $1 + \frac{2}{2} +$ 

 $=\frac{2}{2}(fan0+Cot0)$ 12 5 Sin20  $tanq = \frac{12}{2}$  $\times \frac{9}{5} \left( \frac{3in0}{6\lambda0} + \frac{6\lambda0}{3in0} \right)$ tam-1 (12) 6 / sin20 + Coso Sino Coso  $tond = \frac{6}{5} \left( \frac{2}{2 \sin 0} \right) = \frac{6}{5} \times \frac{2}{\sin 20}$