Rag 948 n 211 CBA = 2x Trova AD=? Pisolu CB = 24D> 213 BÂO = x $\angle BD = \frac{\pi}{2}$ PCB = T 3 ms 8 ms em Risolus PBC m Risolus PBD us visolus APD - AD $2 = \pi - 2x - \frac{\pi}{6} = \frac{5}{6}\pi - 2x$ $B = \pi - \frac{\pi}{2} - \frac{\pi}{6} = \frac{\pi}{3}$ Y= 11-d=1-51+2x= =+2x $S = \pi - x - \lambda = \frac{\pi}{6} + x$ $E = \pi - \delta - \beta = \pi - \frac{\pi}{6} - 2x - \frac{\pi}{3} = \frac{\pi}{2} - 2x$ BD = BC. +g= $AD \sim 7eoremo del souo : <math>AD = BD \sim AD = BD \cdot Sin \in Sin \times S$ $AD = BC + \frac{\pi}{6} \cdot \frac{\sin(\frac{\pi}{2} - 2x)}{\sin x} = 2 \cdot \frac{\pi}{3} \cdot \frac{\cos 2x}{\sin x}$

$$AD = 2\frac{3}{3} \cdot \frac{\cos 2x}{\sin x}$$

