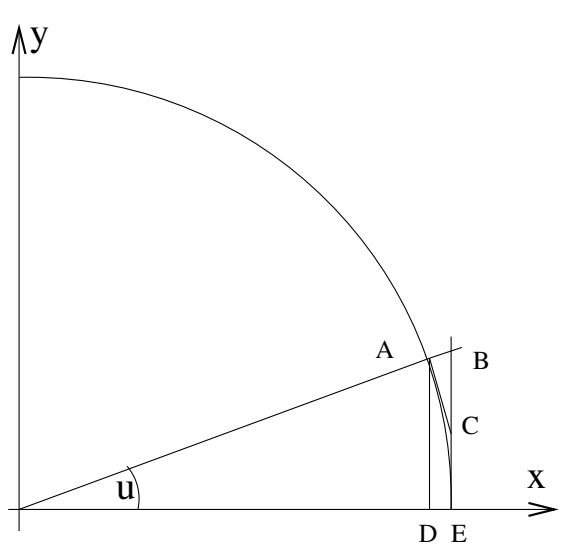


$$\frac{\sin(t+u) - \sin(t)}{2\sin(u/2)} = \frac{|CD|}{|DB|} = \cos(t + u/2)$$



$$\sin(u) < u < \tan(u)$$