

Answer on Question #82279 – Math – Calculus

Question

$$r = a + b \cos t$$

Solution

$$\begin{aligned} t = 0 &\Rightarrow r = a + b \\ t = \pi/2 &\Rightarrow r = a \\ t = \pi &\Rightarrow r = a - b \\ t = 3\pi/2 &\Rightarrow r = a \\ t = 2\pi &\Rightarrow r = a + b \end{aligned}$$

