

Deriv. Apps – 1500

■ To find the point on the curve $y = e^{\cos x}$ that is closest to the origin, the equation that would need to be solved

A) $-e^{\sin x} \sin x = 0$

B) $x = e^{2\cos x}$

C) $x = -e^{2\cos x}$

D) $x = e^{2\cos x} \sin x$