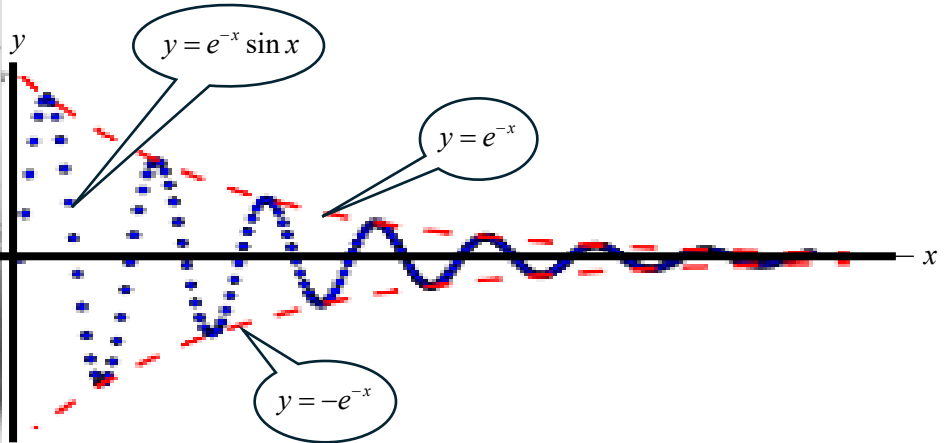


Consecutive Terms of this Sequence Get Very Snug and Cauchy Together



The graph $y = e^{-x} \sin x$ intersects its horizontal asymptote $y = 0$ *ad infinitum*.



As $x \rightarrow \infty$ we have $y = \pm e^{-x} \rightarrow 0$
and we have $y = e^{-x} \sin x \rightarrow 0$.

Ghostbuster Gus Cauchy