3.6a Chain Rule

Use chain.tns to discover the amazing chain rule for derivatives of composite functions.

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Find
$$\frac{dy}{dx}$$
:

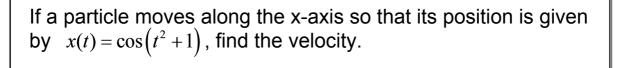
$$y = \sin\left(x^2 + x\right)$$

$$y = \sin^5 x$$

$$y = \left(x^3 + 2x - 1\right)^4$$

$$y = \left(x^3 - x\right)^5 \sin\left(4x\right)$$

$$y = \frac{x^2 \sin x}{\sec(3x^2)}$$



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