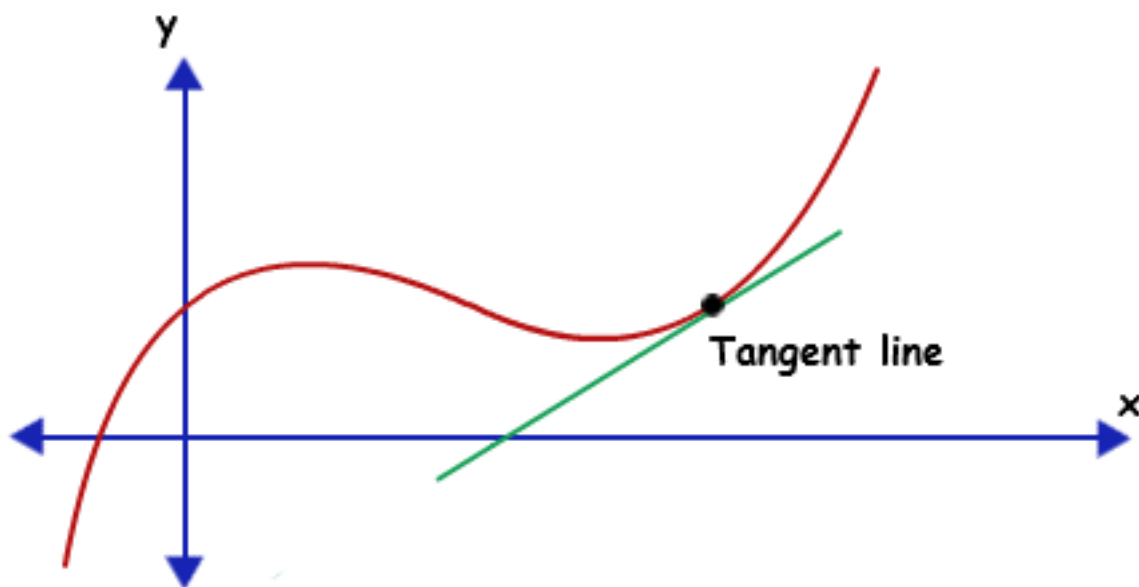


Equation of tangent and normal

Meaning of derivative y' , $\frac{dy}{dx}$, $f'(x)$

Slope of the curve

Slope of the tangent line

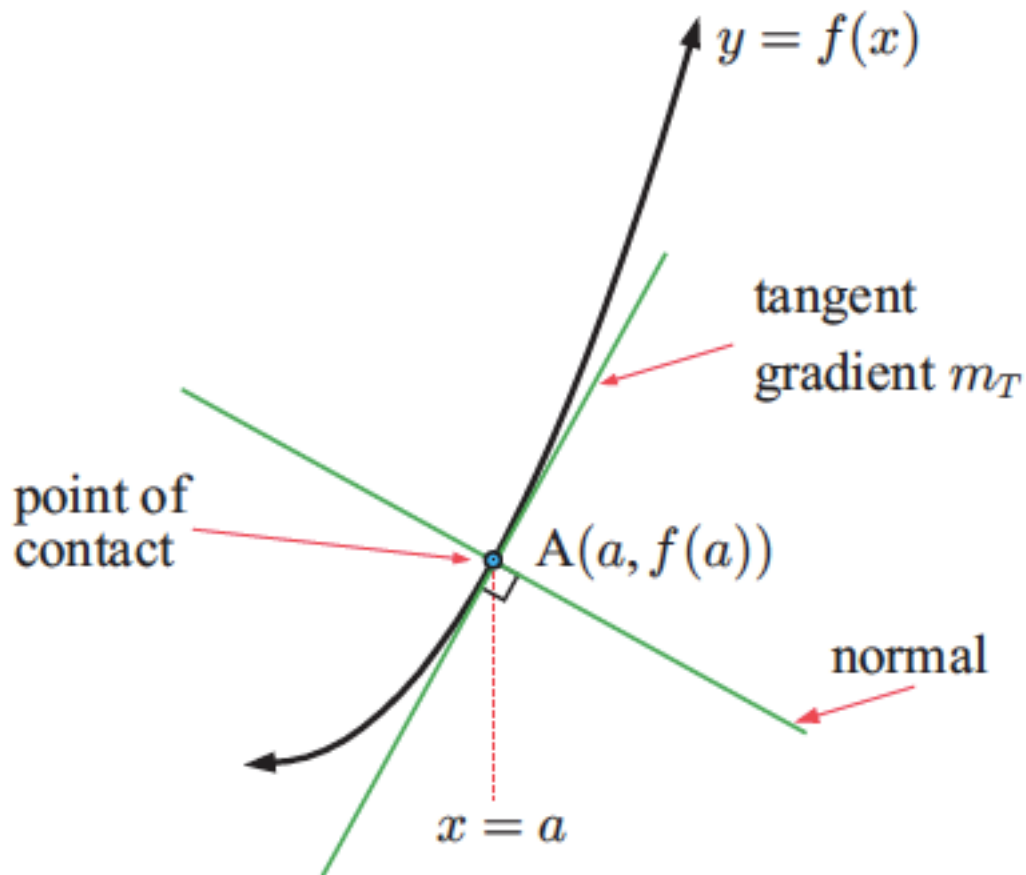


Two steps to find the equation of straight line

$$y = mx + c$$

1. Slope (m)
2. point (x, y)

Equation of normal



$$m_T = f'(x)$$
$$m_T \times m_N = -1$$
$$m_N = \frac{-1}{m_T}$$

