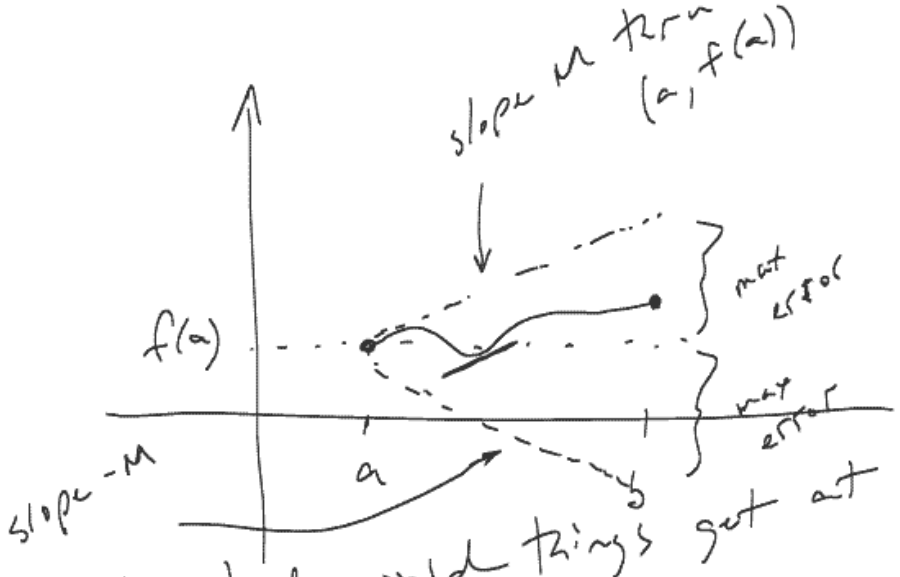
Taylor Series Intuition

Note Title 9/7/2005



How bad could things get at b?

$P_0(x) = f(a)$

$R_0(x) = \frac{f'(f(x))}{1!}(x-a)$

Maximize the derivative f' on $[a,b]$; call its max M