

f = f(x,y). Toylor seous around (x,y,y) df(x,y) = f(x,y,y) + 2f(x-x,y) + 2f(y-y,y)It you go along targent. from (x0,00) to (x1,0) you are along targent $f(x,y) - f(x,y) = 0 = \frac{2f(x,y) + \frac{2f(x,y)}{2y}(x,y)}{2y} = 0$ lin At - dt Driv