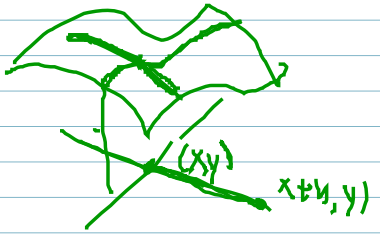
Partielle afledede

$$f_x(x,y) = \lim_{h \to 0} \frac{f(x+h,y) - f(x,y)}{h}$$

$$f_y(x,y) = \lim_{h \to 0} \frac{f(x,y+h) - f(x,y)}{h}$$



$f(x,y) = x^2 y^3$

$f_x(x,y)$: $x^2 C$, $C = y^3$

$f_x(x,y) = 2x y^3$

$f_y(x,y) = 3x^2 y^2$

$g(x,y) = x^2 + y^3$

$g_x(x,y) = 2x$

$g_y(x,y) = 3y^2$

x^2

$K \cdot y^3$

$x^2 + C$, $C = y^3$

$x^2 + y^3$

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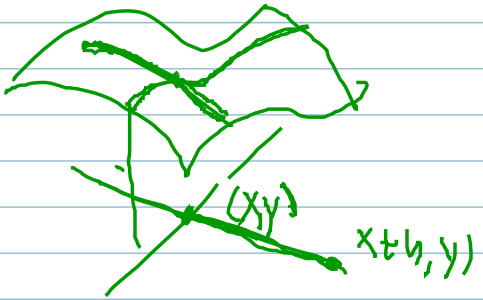
Partielle afledede

$$f_x(x,y) = \lim_{h \to 0} \frac{f(x+h,y) - f(x,y)}{h}$$

$$f_y(x,y) = \lim_{h \to 0} \frac{f(x,y+h) - f(x,y)}{h}$$



$$f(x,y) = x^2 y^3$$

$f_x(x,y)$: $x^2 \cdot C$, $C = y^3$

$$f_x(x,y) = 2xy^3$$

$$f_y(x,y) = 3x^2 y^2$$

$$g(x,y) = x^2 + y^3$$

$$g_x(x,y) = 2x$$

$$g_y(x,y) = 3y^2$$

x^2

$k \cdot y^3$

$x^2 + C$, $C = y^3$

$x^2 + y^3$