Tangent Plan

Metod #1

Tangentplanets ekvation! $\quad$ Om $\quad Z = f(X,Y)$

$$Z = f(a,b) + f_x(a,b)(x-a) + f_y(a,b)(y-b)$$

Metod #2 $\quad$ Om (X,Y,Z) ekvation

$$\text{Grad}[f(a,b,c)] = \vec{n}$$

$$r_0 = (a,b,c)$$

Tangent plan blir $\quad \vec{n} \cdot (r - r_0) = 0$