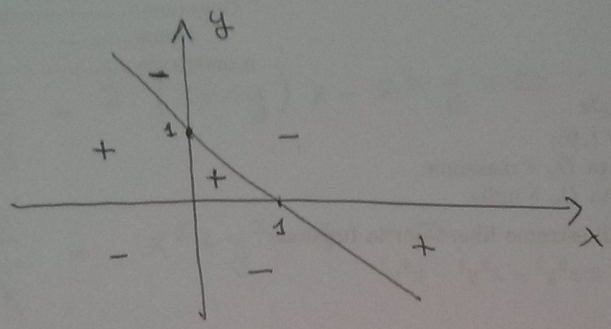
$f(x,y) = x^2y^3(1-y^2-x)$

$y>0$

$1-y-x>0 \qquad y<1-x$



∀ pti $(0,y_0)$ sono

max per $y_0>1$ e $y_0<0$

min per $0<y_0<1$

sella per $y_0=0$ $y_0=1$

∀ pti $(x_0,0)$ sono

sella $\forall x_0 \in \mathbb{R}$