

saddle points $x*y+(1-x)*(1-y^2)$



Input interpretation :

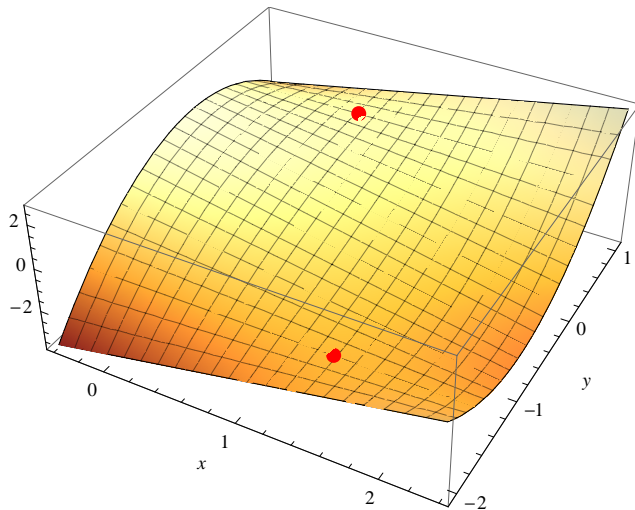
saddle points

$x y + (1 - x) (1 - y^2)$

Results:

$$x y + (1 - x) (1 - y^2) = \frac{1}{2} (\sqrt{5} - 1) \text{ at } (x, y) = \left(\frac{1}{5} (5 - \sqrt{5}), \frac{5 - \sqrt{5}}{2\sqrt{5}} \right)$$

3D plot:



Wolfram|Alpha: saddlepoints $x*y+(1-x)*(1-y^2)$

