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

+ krajm body (0,1), (0,-1)119 0 x2 y=1 min {11(x,y) 11 | x2y=1} ming Jx2+y21 X y = 13 prevedence na ulden se stejnými koreny: min {x2+y2 | x2y=1} 8(8)= 4 + y2 = 1+43 $f'(y) = \frac{-1}{y^2} + 2y = 2y - \frac{1}{y^2} = \frac{2y^3 - 1}{y^2}$ f'(y) = 0, $2y^3 - 1 \ge 0$ $y^3 = \frac{1}{2}$, $y = \frac{1}{\sqrt{2}}$ $x = \frac{1}{\sqrt{2}}$ 11.8 3(x,y)=x x3=y3 min=(0,0) Dk. x3= y2 x20 => x30. And f(x,y) nobyva min iff X=0 L= x+ 7(x3-y2) L' = (1+32x2, -22, x3-y2) 1+32x2 =0 @ Padle (2), N=0, Dosazenim 2000 3 rovnice (1) dostatione 7: 3 soustata nemá říšení. 7-27=0 dostatione 1=0 =) 11.11 a)i. ?