

iv) Pf(x*) = 0 f-convex => #5: f(5) = f(x") + If(x") (5-x) = f(x") => x*-global similar Globionary point - gradient =0 Gradient - best linear approximation, if $\nabla f(x) = 0 \Longrightarrow$ function is close to constant function in X's mer neighborhood intuitively 3 cores: 1) (2) (3) (3) orly, 1) may be part of convex function. It can bee be seen Not × is local minimirer = x is global minimirer f-comex V) DONE :