

b) As nun in The previous exercine (a), or Q or results in a quadratic function (defendant on a). Given the concauty of such function, the local maximinger/minimizer is always a global maximum/minimum. In order to determine the correct concavity (which meet be negative) We need to letraine the covert rignal of Q, rince a 7,0, for i=2, ..., i negative remidefine matrix