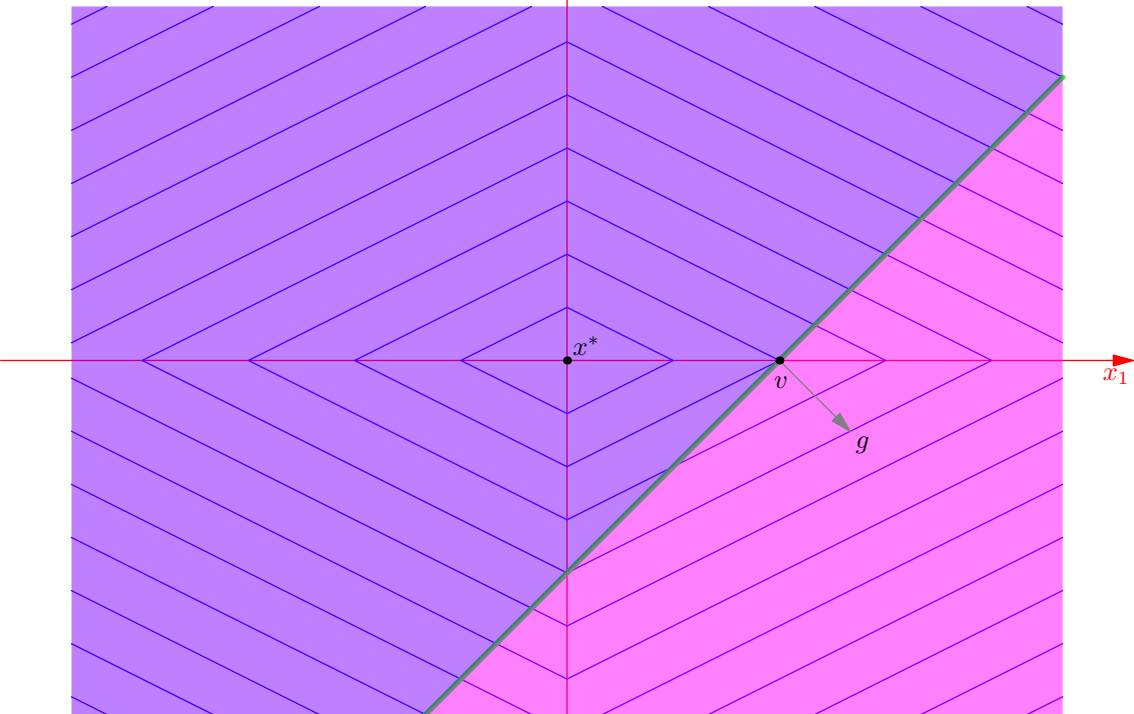


$$g^T(y - v) < 0$$

 x_2


$$f(y) \geq f(v) + g^T(y - v) > f(v)$$