$$D = f_{xx} f_{yy} - f_{xy}^2 = 2(-2x+2) - (-2y)^2$$
$$= -4x+4 - 4y^2$$

$$D(0.0) = 4 > 0$$
 $f_{xx}(0.0) = 2 > 0$

$$D(1,\pm\sqrt{2}) = -8<0$$

$$J_{\tau}((1,\pm\sqrt{2})は鞍点で f(1,\pm\sqrt{2})=1=C。$$

$$f(x,y) = x^2 - xy^2 + y^2 = 1 \implies (x-1)(x+1-y^2) = 0$$

(1,-12)

C=0 C<0