x_2 x_1 y_2 y_1

$$\frac{1}{|\det \mathbf{J}_f(y_1, y_2)|} > 1$$

$$\frac{1}{|\det \mathbf{J}_f(y_1, y_2)|} = 1$$

$$\frac{1}{|\det \mathbf{J}_f(y_1, y_2)|} < 1$$