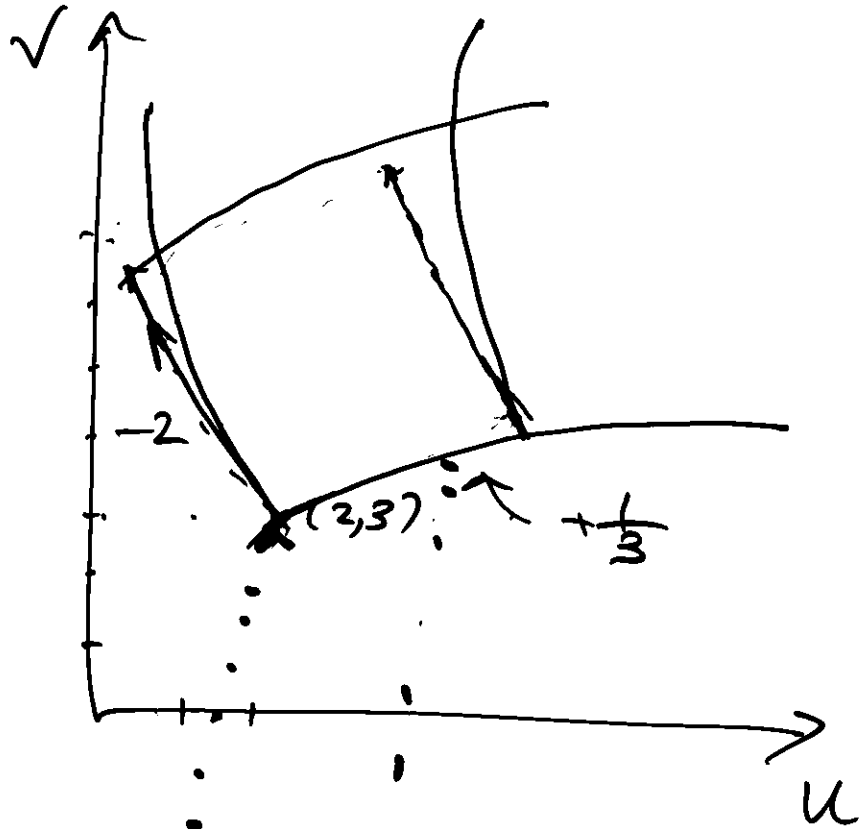


for exact mapping

$$y=1$$

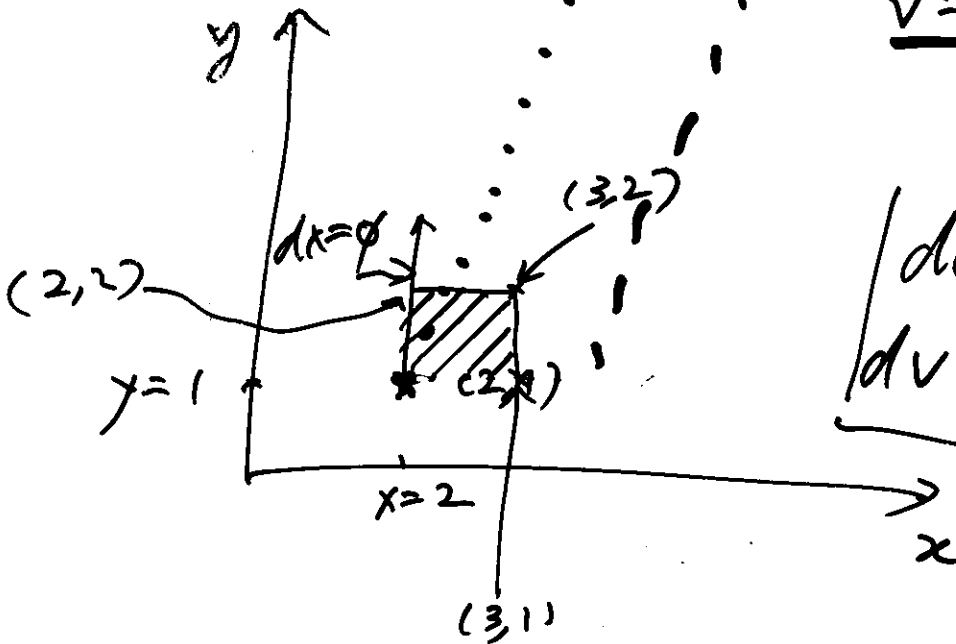
$$u = x^2 - x$$

$$v = x + 1$$



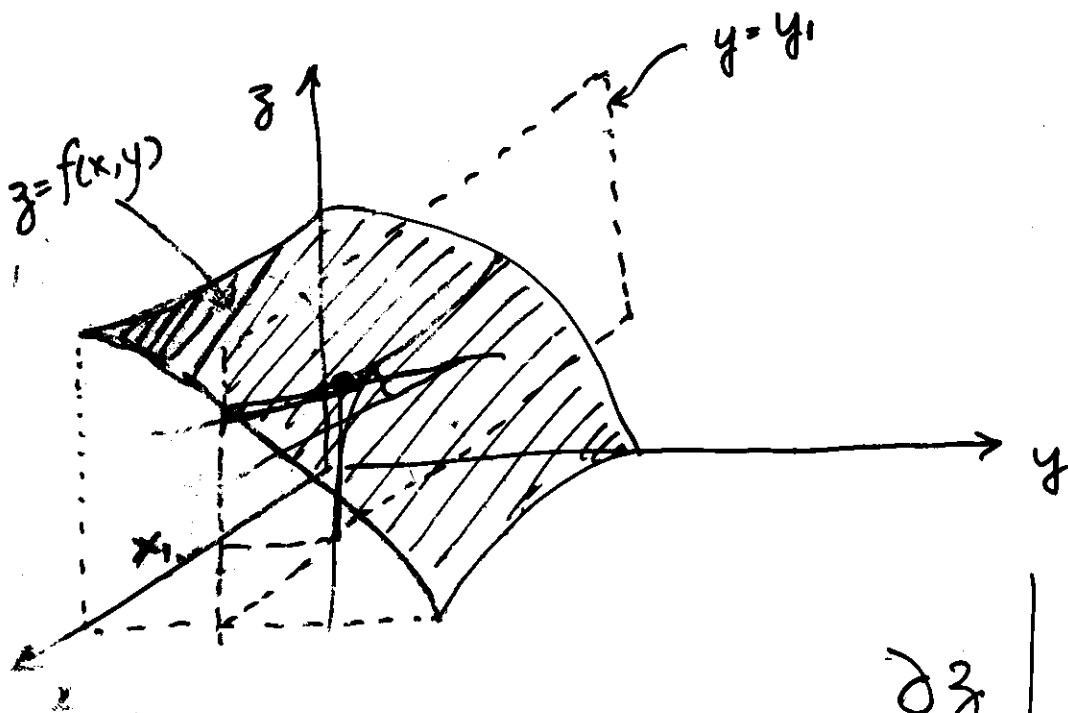
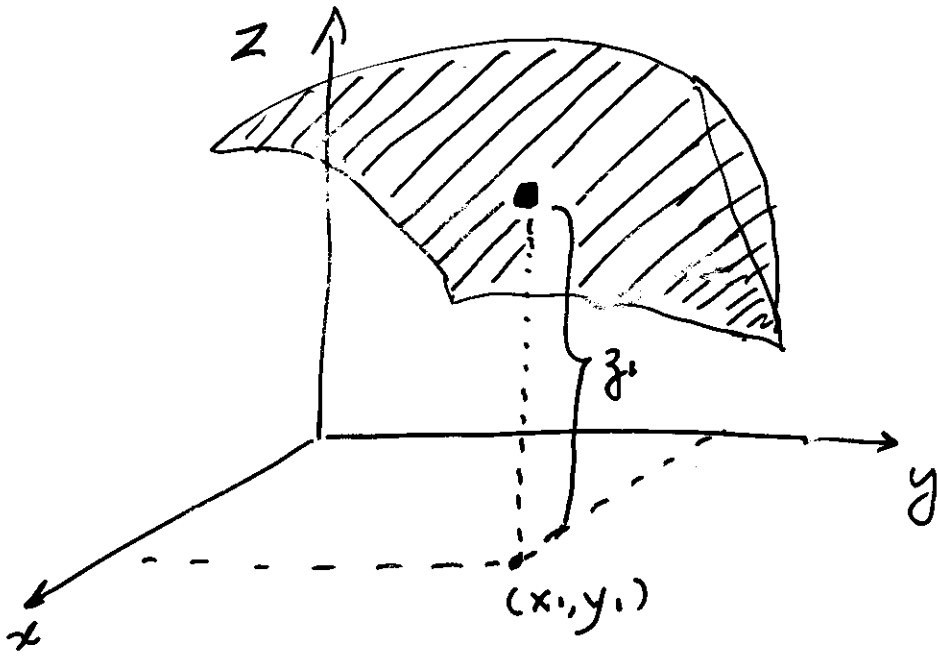
$$u = x^2 - xy$$

$$v = xy + y^2$$



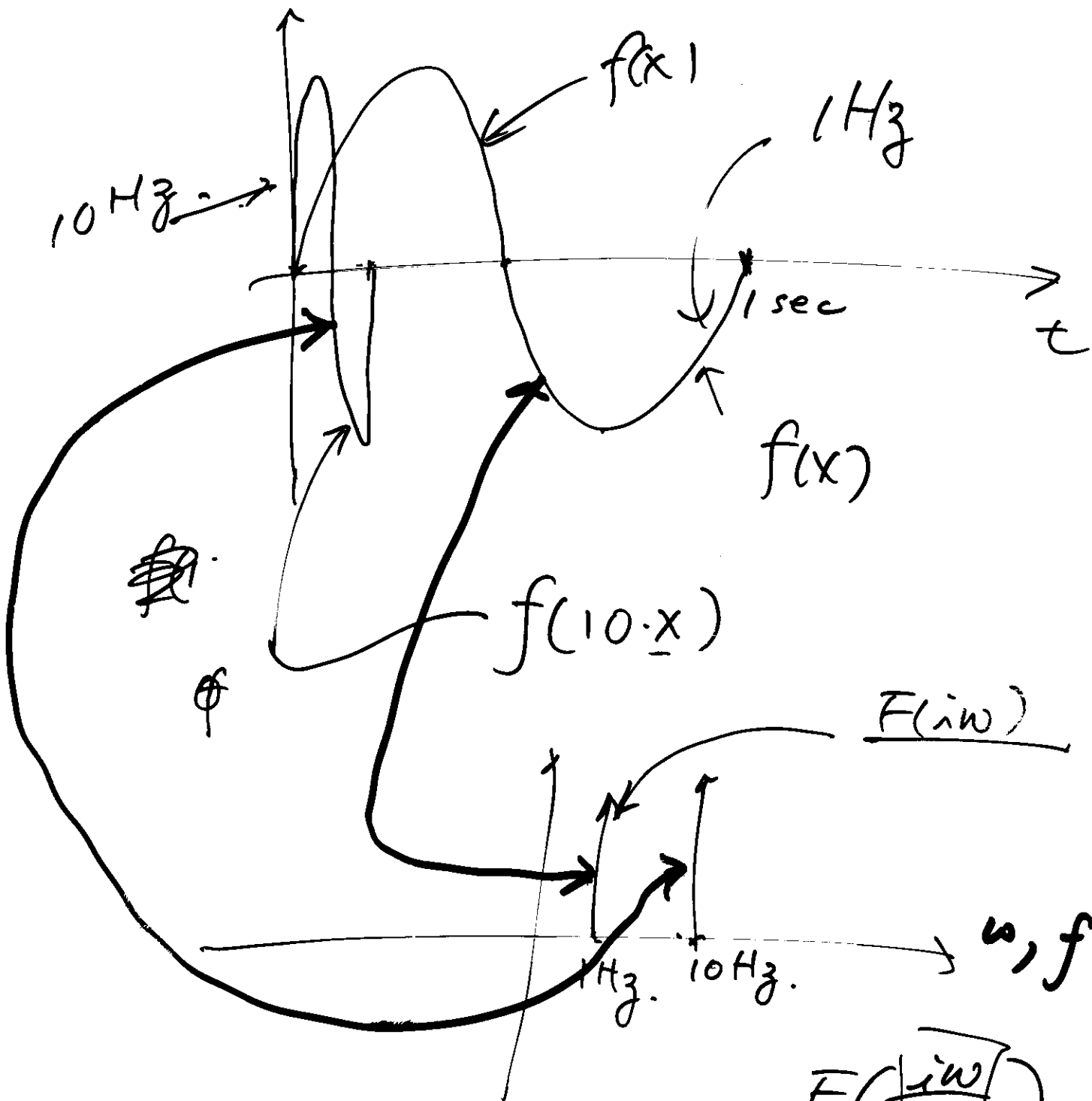
$$du = 3dx - 2dy$$

$$dv = 1 \cdot dx + 4dy$$



$$z = f(x, y_1)$$

$$\left. \frac{\partial z}{\partial x} \right|_{x_1}$$



$$F\left(\frac{i\omega}{10}\right)$$

$$\omega = 10$$