

>

実習18.4

> $\text{implicitdiff}(f(x, y) = 0, y, x)$

$$-\frac{D_1(f)(x, y)}{D_2(f)(x, y)} \quad (1)$$

> $\text{implicitdiff}(f(x, y) = 0, y, x, x)$

$$-\frac{1}{D_2(f)(x, y)^3} \left(D_{1,1}(f)(x, y) D_2(f)(x, y)^2 - 2 D_{1,2}(f)(x, y) D_1(f)(x, y) D_2(f)(x, y) \right. \\ \left. + D_{2,2}(f)(x, y) D_1(f)(x, y)^2 \right) \quad (2)$$

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