## 常微分マクロ\odr

$\frac{\mathrm{d}f}{\mathrm{d}x}$	(1)
$\frac{\mathrm{d}^2 f}{\mathrm{d}x^2}$	(2)
$\frac{\mathrm{d}f}{\mathrm{d}x}$ $\frac{\mathrm{d}^2f}{\mathrm{d}x^2}$ $\frac{\mathrm{d}^nf}{\mathrm{d}x^n}$ $\frac{\mathrm{d}f}{\mathrm{d}x_1}$	(3)
	(4)
$\frac{\mathrm{d}y_2}{\mathrm{d}x_1}$	(5)
$\frac{\mathrm{d}\boldsymbol{u}}{\mathrm{d}t}$ $\frac{\mathrm{d}f}{\mathrm{d}\boldsymbol{x}}$	(6)
$\frac{\mathrm{d}f}{\mathrm{d}\boldsymbol{x}}$	(7)

## 偏微分マクロ\pdr version 1

$$1 \frac{\partial f}{\partial x} \qquad (8)$$

$$2 \frac{\partial^2 f}{\partial x^2} \qquad (9)$$

$$3 \frac{\partial^2 f}{\partial x \partial y} \qquad (10)$$

$$4 \frac{\partial^3 f}{\partial x^2 \partial y^3} \qquad (12)$$

$$5 \frac{\partial^5 f}{\partial x^2 \partial y^3} \qquad (12)$$

$$6 \frac{\partial y}{\partial x_1} \qquad (13)$$

$$7 \frac{\partial f_2}{\partial x} \qquad (14)$$

$$8 \frac{\partial^2 f}{\partial x_1 \partial t} \qquad (15)$$

$$9 \frac{\partial^2 f}{\partial x_1 \partial x_2} \qquad (16)$$

$$10 \frac{\partial f}{\partial x} \qquad (17)$$

$$11 \frac{\partial^2 f}{\partial x \partial y} \qquad (18)$$

$$12 \frac{\partial^2 f}{\partial x_1 \partial y_2} \qquad (19)$$

$$13 \frac{\partial^2 u}{\partial x^2} \qquad (20)$$

$$14 \frac{\partial u}{\partial x} + \frac{\partial u}{\partial y} \qquad (21)$$

$$15 \frac{\partial}{\partial x} \qquad (22)$$

$$16 \frac{\partial}{\partial x_1} \qquad (23)$$

$$17 \frac{\partial}{\partial x} \qquad (24)$$

(24)(25)

## 偏微分マクロ\pdr version 2

$$1 \frac{\partial f}{\partial x} \qquad (26)$$

$$2 \frac{\partial^2 f}{\partial x^2} \qquad (27)$$

$$3 \frac{\partial^2 f}{\partial x \partial y} \qquad (28)$$

$$4 \frac{\partial^3 f}{\partial x^2 \partial y} \qquad (29)$$

$$5 \frac{\partial^5 f}{\partial x^2 \partial y^3} \qquad (30)$$

$$6 \frac{\partial y}{\partial x_1} \qquad (31)$$

$$7 \frac{\partial f_2}{\partial x} \qquad (32)$$

$$8 \frac{\partial^2 f}{\partial x_1 \partial t} \qquad (33)$$

$$9 \frac{\partial^2 f}{\partial x_1 \partial x_2} \qquad (34)$$

$$10 \frac{\partial f}{\partial x} \qquad (35)$$

$$11 \frac{\partial^2 f}{\partial x \partial y} \qquad (36)$$

$$12 \frac{\partial^2 f}{\partial x_1 \partial y_2} \qquad (37)$$

$$13 \frac{\partial^2 u}{\partial x^2} \qquad (38)$$

$$14 \frac{\partial u}{\partial x} + \frac{\partial u}{\partial y} \qquad (39)$$

$$15 \frac{\partial}{\partial x} \qquad (40)$$

$$16 \frac{\partial}{\partial x_1} \qquad (41)$$

$$17 \frac{\partial}{\partial x} \qquad (42)$$

(42)(43)