1 Total derivate

$\cos'(x) = \frac{\mathrm{d}\cos}{\mathrm{d}x}(x)$
$f'(x) = \frac{\mathrm{d}f}{\mathrm{d}x}(x)$
$\mathrm{H}^{(5)}(x) = \frac{\mathrm{d}^5\mathrm{H}}{\mathrm{d}x^5}(x)$
$G^{(n)}(x) = \frac{\mathrm{d}^n G}{\mathrm{d}x^n}(x)$
$f'''(x) = \frac{\mathrm{d}^3 f}{\mathrm{d}x^3}(x)$
$\cos'''(x) = \frac{\mathrm{d}^3\cos}{\mathrm{d}x^3}(x)$

2 Partial derivate

$\cos'_x(x) = \frac{\partial\cos}{\partial x}(x)$
$f'_x(x) = \frac{\partial f}{\partial x}(x)$
$\mathrm{H}'_x(x) = \frac{\partial\mathrm{H}}{\partial x}(x)$
$f'_{x(r)y(s)}(x,y) = \frac{\partial^{r+s} f}{\partial x^r \partial y^s}(x,y)$
$f'_{x(5+2)y(4)z} = \frac{\partial^{13} f}{\partial x^{5+2}\partial y^4 \partial z}(x,y)$
$\partial_{f(5^2)h(4)r} G(x,y) = \frac{\partial^{30} G}{\partial f^{5^2}\partial h^4 \partial r}(x,y)$
Problème : $\partial_{x(n)\cdots z(r)} F(x,\ldots,y) = \frac{\partial^{N+\cdots+r} F}{\partial x^n \partial \cdots z^r}(x,\ldots,y)$