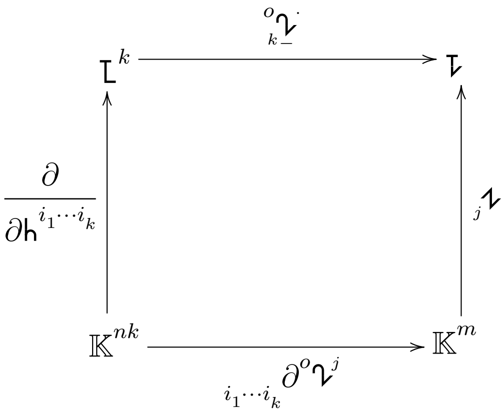

$$\text{ʟ}^{\cdot} \bowtie \text{ʎ}^{\cdot}\, {}^{o}\underline{\text{ʅ}} = \text{ʟ}^{\cdot} \frac{\partial\partial^{o}\text{ʅ}}{\partial x\partial x}\, {}^{t}\text{ʎ}^{\cdot}$$

$${}^{x}\text{ʅ} = {}^{x}_{j-}\text{ʅ} \text{ stet part diff } \Longrightarrow \overline{\frac{\partial^{x}\text{ʅ}}{\partial x} - \frac{\partial^{o}\text{ʅ}}{\partial x} - \underbrace{x-o}\frac{\partial\partial^{o}\text{ʅ}}{\partial x\partial x}} =$$

$$\sum_{j} \overline{\frac{\partial^{x}\text{ʅ}}{\partial \text{ɥ}^{j}} - \frac{\partial^{o}\text{ʅ}}{\partial \text{ɥ}^{j}} - \underbrace{x-o}\frac{\partial\partial^{o}\text{ʅ}}{\partial x\partial \text{ɥ}^{j}}} \leqslant \sum_{j} \overline{\frac{\infty}{x-o}}\; {}^{o|x}\overline{\overset{\bullet}{\frac{\partial\partial^{x}\text{ʅ}}{\partial x\partial \text{ɥ}^{j}} - \frac{\partial\partial^{o}\text{ʅ}}{\partial x\partial \text{ɥ}^{j}}}} \leqslant \overline{\frac{\infty}{x-o}} \sum_{ij} {}^{o|x}\overline{\overset{\bullet}{{}^{y}_{ij=}\text{ʅ} - {}^{o}_{ij=}\text{ʅ}}}$$

$$\mathbb{R}^n \supset \hbar \xrightarrow[\text{part 2-diff}]{\daleth} \mathbb{R}$$

$$\hbar \xrightarrow[\text{stet in o}]{{}_i\partial_j\partial\daleth} \mathbb{R}^m \Longrightarrow {}^o_i\partial_j\partial\daleth = {}^o_j\partial_i\partial\daleth$$

$${}^{st}F_i = {}^{o+s_i\llcorner+t_j\llcorner}\daleth + {}^{o}\daleth - {}^{o+s_i\llcorner}\daleth - {}^{o+t_j\llcorner}\daleth = {}^{ts}F_j$$

$${}_1\partial\,{}^{st}F_i = {}_i\partial\,{}^{o+s_i\llcorner+t_j\llcorner}\daleth - {}_i\partial\,{}^{o+s_i\llcorner}\daleth \text{ part-diff}$$

$${}_2\partial\,{}_1\partial\,{}^{st}F_i = {}_j\partial\,{}_i\partial\,{}^{o+s_i\llcorner+t_j\llcorner}\daleth$$

$$\overline{{}^x1 - {}^o1 - \sum_i \underbrace{x^i - o^i}\,{}^o_{i-}1} = \overline{\underbrace{{}^x1 - \sum_i x^i\,{}^o_{i-}1} - \underbrace{{}^o1 - \sum_i o^i\,{}^o_{i-}1}} \leqslant \overline{x-o}\ \ {}^{o|x}\overline{\overset{\bullet}{\frac{\partial^y 1}{\partial x} - \frac{\partial^o 1}{\partial x}}}$$

$${}^x1 = {}^x_{j-}\daleth \text{ stet part diff } \Longrightarrow \overline{\frac{\partial^x\daleth}{\partial x} - \frac{\partial^o\daleth}{\partial x} - \underbrace{x-o}\frac{\partial\partial^o\daleth}{\partial x\partial x}} =$$

$$\sum_j \overline{\frac{\partial^x\daleth}{\partial x^j} - \frac{\partial^o\daleth}{\partial x^j} - \underbrace{x-o}\frac{\partial\partial^o\daleth}{\partial x\partial x^j}} \leqslant \sum_j \overset{\infty}{\overline{x-o}}\ \ {}^{o|x}\overline{\overset{\bullet}{\frac{\partial\partial^x\daleth}{\partial x\partial x^j} - \frac{\partial\partial^o\daleth}{\partial x\partial x^j}}} \leqslant \overset{\infty}{\overline{x-o}} \sum_{ij} {}^{o|x}\overline{\overset{\bullet}{{}^y_{ij=}\daleth - {}^o_{ij=}\daleth}}$$

$$\mathbb{R}^n \supset \hbar \xrightarrow[\text{part 2-diff}]{\text{ɿ}} \mathbb{R}^m$$

$$\hbar \xrightarrow[\text{o-stet}]{\partial_i \partial_j \text{ɿ}} \mathbb{R}^m \implies {}^{o}\overbrace{\partial_i \partial_j \text{ɿ}} = {}^{o}\overbrace{\partial_j \partial_i \text{ɿ}}$$

$$\bigwedge_{s:t} \bigvee \begin{cases} \acute{s} \leqslant 0|s \\ \acute{t} \leqslant 0|t \end{cases} \quad {}^{o+\acute{s}_i\llcorner+\acute{t}_j\llcorner}\overbrace{\partial_j \partial_i \text{ɿ}} = {}^{o+\acute{\acute{s}}_i\llcorner+\acute{\acute{t}}_j\llcorner}\overbrace{\partial_i \partial_j \text{ɿ}}$$

$${}^{s:t}F_i = {}^{o+s_i\llcorner+t_j\llcorner}\text{ɿ} + {}^{o}\text{ɿ} - {}^{o+s_i\llcorner}\text{ɿ} - {}^{o+t_j\llcorner}\text{ɿ} = {}^{t:s}F_j \text{ part diff}$$

$${}^{s:t}\overbrace{\partial_1 F_i} = {}^{o+s_i\llcorner+t_j\llcorner}\overbrace{\partial_i \text{ɿ}} - {}^{o+s_i\llcorner}\overbrace{\partial_i \text{ɿ}} \text{ part-diff}$$

$${}^{s:t}\overbrace{\partial_2 \partial_1 F_i} = {}^{o+s_i\llcorner+t_j\llcorner}\overbrace{\partial_j \partial_i \text{ɿ}}$$

$${}^{s:t}F_i = {}^{s:t}F_i - \underbrace{{}^{0:t}F_i}_{=0} \underset{\acute{s} \in 0|s}{\text{M}\underline{\underline{\text{W}}}\text{S}} {}^{\acute{s}:t}\overbrace{\partial_1 F_i}\, s = \overbrace{{}^{\acute{s}:t}\overbrace{\partial_1 F_i} - \underbrace{{}^{\acute{s}:0}\overbrace{\partial_1 F_i}}_{=0}}\, s$$

$$\underset{\acute{t} \in 0|t}{\text{M}\underline{\underline{\text{W}}}\text{S}} {}^{\acute{s}:\acute{t}}\overbrace{\partial_2 \partial_1 F_i}\, st = {}^{o+\acute{s}_i\llcorner+\acute{t}_j\llcorner}\overbrace{\partial_j \partial_i \text{ɿ}}\, st = {}^{t:s}F_j \underset{\acute{\acute{s}} \in 0|s}{\overset{\acute{\acute{t}} \in 0|t}{\equiv}} {}^{o+\acute{\acute{s}}_i\llcorner+\acute{\acute{t}}_j\llcorner}\overbrace{\partial_i \partial_j \text{ɿ}}\, ts$$

$${}^{o}\overbrace{\partial_j \partial_i \text{ɿ}} \underset{s \rightsquigarrow 0 \leftsquigarrow t}{\overset{\text{stet}}{\leftsquigarrow}} {}^{o+\acute{s}_i\llcorner+\acute{t}_j\llcorner}\overbrace{\partial_j \partial_i \text{ɿ}} = {}^{o+\acute{\acute{s}}_i\llcorner+\acute{\acute{t}}_j\llcorner}\overbrace{\partial_i \partial_j \text{ɿ}} \underset{s \rightsquigarrow 0 \leftsquigarrow t}{\overset{\text{stet}}{\rightsquigarrow}} {}^{o}\overbrace{\partial_i \partial_j \text{ɿ}}$$

$$\begin{cases} x^3 + 4xy^2 - y^5 \\ x^{2/3}y^{1/3} - \dfrac{x^{3/4}}{y^{1/4}} \\ \dfrac{e^{xy}}{1 - xy} \\ (y^2x - x^2y)^{2/3} \end{cases} \implies {}_{x}\underline{\text{ɿ}} : {}_{y}\underline{\text{ɿ}}$$

$$\begin{cases} \sqrt{x^2 + y^2} \\ xe^{x-y} \end{cases} \implies {}_{xx}\underline{\underline{\text{ɿ}}} : {}_{xy}\underline{\underline{\text{ɿ}}} : {}_{yy}\underline{\underline{\text{ɿ}}}$$