$$\text{ɿ} \in {}^{X}\blacktriangleright\mathbb{C} \Rightarrow \int_{dx}^{0|t} e^{-x}\,{}^{x}\text{ɿ} = \sum_{j}^{\mathbb{N}} \overbrace{{}^{0}_{j-}\text{ɿ} - e^{-t}\,{}^{t}_{j-}\text{ɿ}}$$

$$\text{LHS} = -\int_{dx}^{0|t} \frac{de^{-x}}{dx}\,{}^{x}\text{ɿ} = \left(-e^{-x\,x}\text{ɿ}\right)_{0}^{t} + \int_{dx}^{0|t} e^{-x}\,{}^{x}\underline{\text{ɿ}}$$

$$\underset{\text{deg}}{\overset{\text{ind}}{=}} {}^{0}\text{ɿ} - e^{-t}\,{}^{t}\text{ɿ} + \sum_{i}^{\mathbb{N}} \overbrace{{}^{0}_{i^{-}}\text{ɿ} - e^{-t}\,{}^{t}_{i^{-}}\text{ɿ}} \underset{j\,=\,i+1}{=} {}^{0}\text{ɿ} - e^{-t}\,{}^{t}\text{ɿ} + \sum_{j}^{\mathbb{N}^{\times}} \overbrace{{}^{0}_{j-}\text{ɿ} - e^{-t}\,{}^{t}_{j-}\text{ɿ}} = \text{RHS}$$

$$\text{ɿ} \in {}^{X}\blacktriangleright\mathbb{C} \Rightarrow \overline{\underbrace{\sum_{j}^{\mathbb{N}} {}^{0}_{j-}\text{ɿ} - e^{-t}\,{}^{t}_{j-}\text{ɿ}}} \leqslant t\,{}^{t}\underline{\overline{\text{ɿ}}}$$

$$\overline{x} \leqslant t \Rightarrow \overline{{}^{x}\text{ɿ}} = \overline{x^{k}\,{}_{k}\text{ɿ}} \leqslant \overline{x^{k}}\,\overline{{}_{k}\text{ɿ}} \leqslant t^{k}\,\overline{{}_{k}\text{ɿ}} = {}^{t}\underline{\overline{\text{ɿ}}}$$

$$\text{LHS} = \overline{\int_{dx}^{0|t} e^{-x\,x}\text{ɿ}} \leqslant \int_{dx}^{0|t} e^{-x}\,\overline{{}^{x}\text{ɿ}} \leqslant t^{\,0|t}\dot{\overline{\text{ɿ}}} \leqslant \text{RHS}$$

$${}^{x}\text{ɿ} = x^{p-} \prod_{\ell}^{d} \overbrace{x - \ell}^{p}$$

$$p! \prec {}^{k}_{j-}\daleth$$

$${}^{x}\daleth_{k} = x^{p-} \prod_{\ell \neq k}^{d} \overbrace{x-\ell}^{p} \in {}^{X}\blacktriangleright\mathbb{Z}$$

$${}^{x}_{j-}\daleth = \underline{{}_{j}{}^{x}\overbrace{x-k}^{p}\; {}^{x}\daleth_{k}} \underset{\text{Leib}}{=} \sum_{i}^{0|j} \begin{bmatrix} j \\ i \end{bmatrix} \underline{{}_{i}{}^{x}\overbrace{x-k}^{p}}\; \underline{{}_{j-i}{}^{x}\daleth_{k}} = \sum_{i}^{0|j \curlywedge p} \begin{bmatrix} j \\ i \end{bmatrix} \underset{-i}{p}\; {}^{x}\overbrace{x-k}^{p-i}\; \underline{{}_{j-i}{}^{x}\daleth_{k}}$$

$$\Rightarrow {}^{k}_{j-}\daleth = \begin{cases} 0 & j < p \\ \begin{bmatrix} j \\ p \end{bmatrix} p!\; \underline{{}_{j-p}{}^{x}\daleth_{k}} & j \geqslant p \end{cases}$$

$$\begin{cases} j \neq p- & \Rightarrow p! \prec {}^{0}_{j-}\daleth \\ d < p & \Rightarrow p! \nprec {}^{0}_{j-}\daleth \succ (p-)! \end{cases}$$

$${}^{x}\daleth_{0} = \prod_{\ell}^{d} \overbrace{x-\ell}^{p} \in {}^{X}\blacktriangleright\mathbb{Z}$$

$${}^{x}_{j-}\daleth = \underline{{}_{j}{}^{x}x^{p-}\; {}^{x}\daleth_{0}} \underset{\text{Leib}}{=} \sum_{i}^{0|j} \begin{bmatrix} j \\ i \end{bmatrix} \underline{{}_{i}{}^{x}x^{p-}}\; \underline{{}_{j-i}{}^{x}\daleth_{0}} = \sum_{i}^{0|j \curlywedge p-} \begin{bmatrix} j \\ i \end{bmatrix} \underbrace{p-}_{i}\; x^{p-1-i}\; \underline{{}_{j-i}{}^{x}\daleth_{0}}$$

$$\Rightarrow {}^{0}_{j-}\daleth = \begin{cases} 0 & j < p- \\ (p-)!\,(-1)^{dp}\,\overbrace{d!}^{p} & j = p- \\ \begin{bmatrix} j \\ p- \end{bmatrix} (p-)!\; \underline{{}_{j-p+1}{}^{x}\daleth_{0}} & j \geqslant p \end{cases}$$

$$j \geqslant p \Rightarrow \underline{{}_{j-p+1}{}^{0}\daleth_{0}} = \underline{{}_{j-p}{}^{0}{}^{x}\daleth_{-0}} = \underline{{}_{j-p}{}^{0} \sum_{k}^{1|d} \underline{\overbrace{x-k}^{p}} \prod_{\ell \neq k} \overbrace{x-\ell}^{p}} = p\; \underline{{}_{j-p}{}^{0} \sum_{k}^{1|d} \overbrace{x-k}^{p-} \prod_{\ell \neq k} \overbrace{x-\ell}^{p}} \succ p$$