$$\text{dof}\ \ {}_{\sigma}\text{Ч} : {}_{\mu\sigma}\textbf{Ч} \in {}_{d}\mathbb{K} \times {}_{dd}\mathbb{K}$$

$$x^{\nu} : \text{Ч} : \textbf{Ч} \in \mathbb{R}^{d} \times {}^{N}\mathbb{R} \times {}^{N}_{d}\mathbb{R} \xrightarrow[\text{Max}]{\mathcal{L}} \mathbb{R} \ni {}^{x}\mathcal{L}_{\text{Ч}:\textbf{Ч}}$$

$${}^{x}\mathcal{L}_{\text{Ч}:\textbf{Ч}} = \overbrace{{}_{\mu\nu}\textbf{Ч} - {}_{\nu\mu}\textbf{Ч}}\,\eta^{\mu\alpha}\,\eta^{\nu\beta}\,\overbrace{{}_{\alpha\beta}\textbf{Ч} - {}_{\beta\alpha}\textbf{Ч}}$$

$$\text{vector field}\ \ \mathbb{R}^{d} \xrightarrow{{}_{\sigma}\text{Ч}} {}_{d}\mathbb{R} \ni {}^{x}_{\sigma}\text{Ч}$$

$${}^{x}\mathcal{L}_{\text{Ч}} = {}^{x}\mathcal{L}_{{}^{x}\text{Ч}:{}^{x}\underline{\text{Ч}}} = \overbrace{{}_{\mu}\underline{{}^{\nu}\text{Ч}} - {}_{\nu}\underline{{}^{\mu}\text{Ч}}}\,\eta^{\mu\alpha}\,\eta^{\nu\beta}\,\overbrace{{}_{\alpha}\underline{{}^{\beta}\text{Ч}} - {}_{\beta}\underline{{}^{\alpha}\text{Ч}}}$$