$$\begin{cases} \Gamma \overset{}{\underset{0}{\triangledown}} \Gamma \\ {}^{n}\mathbb{K}_{n} \end{cases}$$

$$\Gamma \overset{\mathbb{C}}{\underset{0}{\triangledown}} \Gamma$$

$${}^{n}\mathbb{K}_{n}^{\mathbb{C}}$$

$${}^{n}\mathbb{K}_{n} \ni \Gamma$$

$$\Gamma \times \Gamma = \Gamma \Gamma \Gamma^{\sharp} \text{ bilin form}$$

$$\Gamma_0 \sqsubset \Gamma \Longrightarrow \Gamma_0^{\perp} = \frac{\Gamma \in \Gamma}{\bigwedge_{\Gamma}^{\Gamma_0} \Gamma \times \Gamma = 0} \sqsubset \Gamma$$

$$\ker \times = \frac{\Gamma \in \Gamma}{\bigwedge_{\Gamma}^{\Gamma} \Gamma \times \Gamma = 0} = \ker \Gamma = \Gamma^{\perp} \sqsubset \Gamma$$

$$\times \text{ reg} \iff \ker \times = 0$$

$${}^{n}\mathbb{K}_{n}^{\Theta} \ni \Gamma$$

$$\Gamma \times \Gamma = \Gamma \Gamma \Gamma^{*} \text{ sesqui-lin form}$$

$$\Gamma_0 \sqsubset \Gamma \Longrightarrow \Gamma_0^{\perp} = \frac{\Gamma \in \Gamma}{\bigwedge_{\Gamma}^{\Gamma_0} \Gamma \times \Gamma = 0} \sqsubset \Gamma$$

$$\ker \times = \frac{\Gamma \in \Gamma}{\bigwedge_{\Gamma}^{\Gamma} \Gamma \times \Gamma = 0} = \ker \Gamma = \Gamma^{\perp} \sqsubset \Gamma$$

$$\times \text{ reg} \iff \ker \times = 0$$