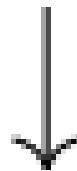


$$T_p\mathcal{M} \times T_p\mathcal{M} \xrightarrow{(\omega_{\mathcal{M}})_p} \mathbb{R}$$



$$dF_p \times dF_p$$



$$T_{F(p)}\mathcal{N} \times T_{F(p)}\mathcal{N}$$

$$(\omega_{\mathcal{N}})_p$$