

$${}_{\mathbb{C}}^1 \mathbb{K}_{1+n+1}^{+} = \frac{(\alpha:\Gamma:\beta) \in \mathbb{K}_{1+n+1} \setminus 0}{\alpha\beta + \Gamma\Gamma^+ + \beta\alpha = 0} \text{ spin factor}$$

$${}_{\mathbb{C}}^1 \mathbb{K}_{1+n+1}^{+} \leftarrow {}_{\mathbb{C}} \mathbb{K} \ltimes {}_{\mathbb{C}}^1 \mathbb{K}_{1+n+1}^{+}$$

$$\begin{aligned} & (\lambda\alpha:\lambda\Gamma:\lambda\beta) \leftrightarrow \lambda:(\alpha:\Gamma:\beta) \\ & (\lambda\alpha)(\lambda\beta) + (\lambda\Gamma)(\lambda\Gamma)^+ + (\lambda\beta)(\lambda\alpha) = \lambda \underline{\alpha\beta + \Gamma\Gamma^+ + \beta\alpha} \lambda = 0 \end{aligned}$$