

$${}^m_{\mathbb{C}}\mathbb{K}_{2m}^{\pm} = \frac{(\uparrow:\downarrow) \in {}^m_{\mathbb{C}}\mathbb{K}_{2m}}{\uparrow\downarrow + \downarrow\uparrow = 0}$$

$${}^m_{\mathbb{C}}\mathbb{K}_{2m}^{\pm} \leftarrow {}^m_{\mathbb{C}}\mathbb{K}_m \times {}^m_{\mathbb{C}}\mathbb{K}_{2m}^{\pm}$$

$$(\uparrow\downarrow:\uparrow\downarrow) \leftarrow \uparrow:(\downarrow:\downarrow)$$

$$(\uparrow\downarrow)(\uparrow\downarrow)^{\sharp} = \uparrow(\downarrow\downarrow^{\sharp})\downarrow^{\sharp} = \uparrow\downarrow(\downarrow\downarrow^{\sharp})\downarrow^{\sharp} = \pm(\uparrow\downarrow)(\uparrow\downarrow)^{\sharp}$$