$$\mathbb{C}_2^{\mho} \underset{\asymp}{\longrightarrow} \mathbb{R}_3^{\mho}$$

$$\begin{array}{c|c} \alpha & \tilde{} \; \beta \\ \hline -\bar{\beta} & -\alpha \end{array} = \begin{array}{c|c|c} 0 & i\left(\beta-\bar{\beta}\right) & \beta+\bar{\beta} \\ \hline i\left(\bar{\beta}-\beta\right) & 0 & 2i\alpha \\ \hline -\left(\beta+\bar{\beta}\right) & -2i\alpha & 0 \end{array}$$

$$\widetilde{X} \times \widetilde{Y} = X \;\tilde{\times}\; Y$$

$$\begin{array}{c|c} \alpha & \tilde{} \; \beta \\ \hline -\bar{\beta} & -\alpha \end{array} = \begin{array}{c|c|c} 0 & \varepsilon\left(\beta-\bar{\beta}\right) & \delta\left(\beta+\bar{\beta}\right) \\ \hline \varepsilon\left(\bar{\beta}-\beta\right) & 0 & \varkappa\alpha \\ \hline -\delta\left(\beta+\bar{\beta}\right) & -\varkappa\alpha & 0 \end{array}$$

$$\Longrightarrow 2\varepsilon\delta = \varkappa\text{:} \quad \delta\varkappa = 2\varepsilon\text{:} \quad \varepsilon\varkappa = -2\delta \Longrightarrow \varepsilon^2 = -1\text{:} \quad \delta^2 = 1$$

$$u|v|w \begin{array}{c|c|c} 0 & \left(\beta-\bar{\beta}\right)i & \beta+\bar{\beta} \\ \hline \left(\bar{\beta}-\beta\right)i & 0 & 2\alpha i \\ \hline -\left(\beta+\bar{\beta}\right) & -2\alpha i & 0 \end{array} = v\underbrace{\bar{\beta}-\beta}i - w\underbrace{\beta+\bar{\beta}}|u\underbrace{\beta-\bar{\beta}}i - 2w\alpha i|u\underbrace{\beta+\bar{\beta}} + 2v\alpha i$$