

$$\frac{0}{-\alpha} \mid \frac{\alpha}{0} \mid \frac{\beta}{\gamma} \in \mathfrak{g}^{\mathbb{C}}$$

$$\frac{\cos t}{-\sin t} \mid \frac{\sin t}{\cos t} \mid \frac{0}{0} \in \mathbb{T}$$

$$\frac{0}{-\alpha} \mid \frac{\alpha}{0} \mid \frac{0}{0} \in \mathfrak{t}^{\mathbb{C}}$$

$$\mathfrak{g}^{\mathbb{C}} = \mathfrak{n}_- \times \mathfrak{t}^{\mathbb{C}} \times \mathfrak{n}_+$$

$$\frac{0}{-\beta} \mid \frac{0}{-\beta i} \mid \frac{\beta}{0} \in \mathfrak{n}_+$$

$$\frac{0}{-\beta} \mid \frac{0}{\beta i} \mid \frac{\beta}{0} \in \mathfrak{n}_- = \bar{\mathfrak{n}}_+$$

$$\frac{0}{-\alpha} \mid \frac{\alpha}{0} \mid \frac{0}{0} \times \frac{0}{-\beta} \mid \frac{0}{-\gamma} \mid \frac{\beta}{0} = \alpha \frac{0}{-\gamma} \mid \frac{0}{\beta} \mid \frac{\gamma}{0}$$