

Die Gruppe (Δ_3, \cdot)

$$\Delta_3 = \{M_0, M_1, M_2, M_3, M_4, M_5\} \subseteq M_2\mathbb{R}$$

$$M_0 = D(0) = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}, \quad M_1 = D\left(\frac{2\pi}{3}\right), \quad M_2 = D\left(\frac{4\pi}{3}\right),$$

$$M_3 = S\left(\frac{4\pi}{3}\right), \quad M_4 = S\left(\frac{2\pi}{3}\right), \quad M_5 = S(0)$$

Gruppentafel von (Δ_3, \cdot) :

\cdot	M_0	M_1	M_2	M_3	M_4	M_5
M_0	M_0	M_1	M_2	M_3	M_4	M_5
M_1	M_1	M_2	M_0	M_5	M_3	M_4
M_2	M_2	M_0	M_1	M_4	M_5	M_3
M_3	M_3	M_4	M_5	M_0	M_1	M_2
M_4	M_4	M_5	M_3	M_2	M_0	M_1
M_5	M_5	M_3	M_4	M_1	M_2	M_0