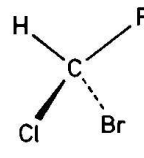



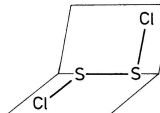


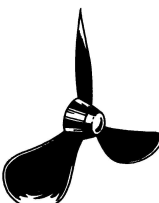
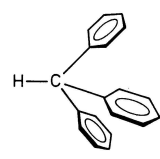

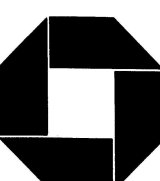

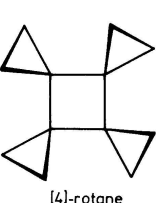


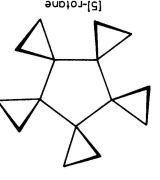


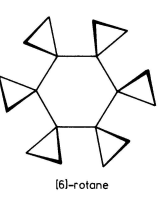
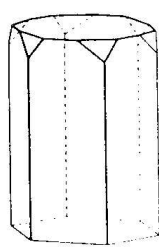


6. Grundlagen der Symmetriellehre (Punktgruppen)

6.2. Basis-Symmetrieelemente/operationen

6.2.2. Basissymmetrien 1. Art: Drehachsen/Rotationen

| Hermann-Mauguin-Symbol | Schönflies-Zeichen | Zeichen | Beispiele | | | |
|------------------------|--------------------|---|---|---|--|------------------|
| | | | 2-dimensional | 3-dimensional | | |
| | | | | div. | Moleküle | Kristallpolyeder |
| 1 | C_1 | - | | |  $SrH_2(C_4H_4O_6)_2 \cdot 4H_2O$ | |
| 2 | C_2 |  |  |  |  $C_{12}H_{22}O_{11}$ | |
| 3 | C_3 |  |  |  |  $NaIO_4 \cdot 3H_2O$ | |
| 4 | C_4 |  |  |  |  $Ba(SbO)_2(C_4H_4O_6)$ | |
| 5 | C_5 | - |  |  |  (5)-Rotan | |
| 6 | C_6 |  |  |  (6)-Rotan |  $NaK_3Al_4Si_4O_{16}$ | |
| $n \rightarrow \infty$ | C_n | | | | | |