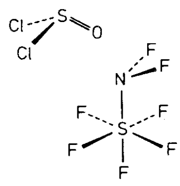
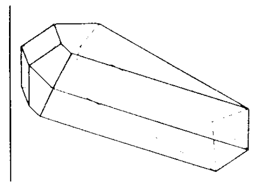
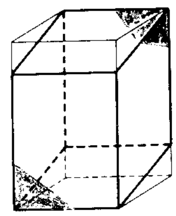
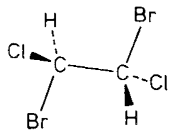
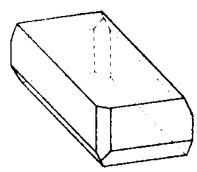
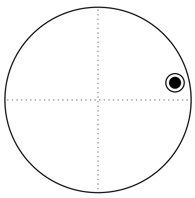
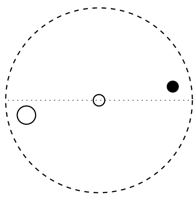
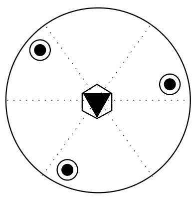
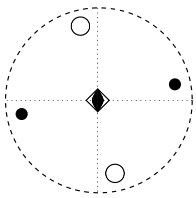
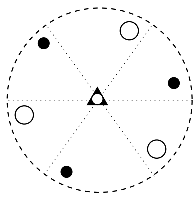
Grundlagen der Symmetrielehre (Punktgruppen) (Forts.)
Basis-Symmetrieelemente/operationen (Forts.)
Basissymmetrien 2. Art: Spiegelebene, Inversionszentrum

Hermann-Mauguin-	Schönflies-	Zeichen	Beispiele			
			2-dimensional	3-dimensional		
Symbol				div.	Moleküle	Kristallpolyeder
m	σ					 $Ca_8B_{18}O_{33}Cl_4 \cdot 4H_2O$
$\bar{1}$	i					 $MnSiO_3$

Zusammengesetzte Symmetrieoperationen

Elemente	n=1	n=2	n=3	n=4	n=6
Drehspiegelachse	S_1 σ	S_2 i	S_3 C_{3h}	S_4	S_6
$\mathbf{S_n}$					

Schema zur Punktgruppenbestimmung