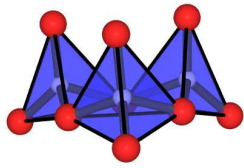
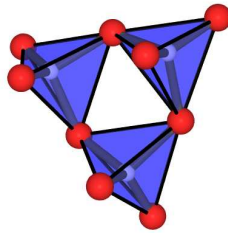
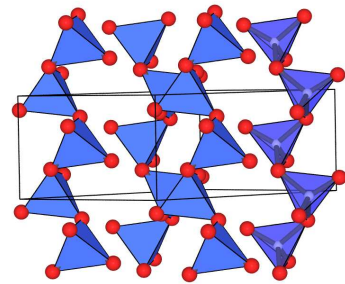
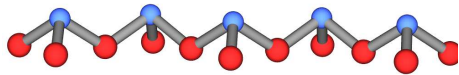
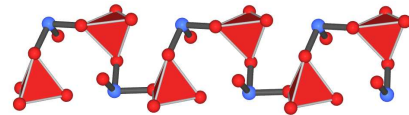


2.6. Chalkogen-Oxide

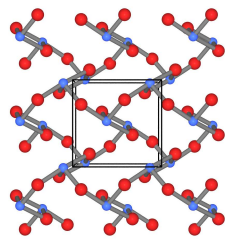
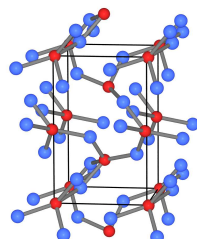
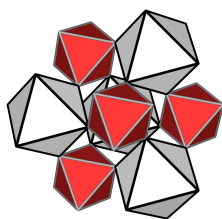
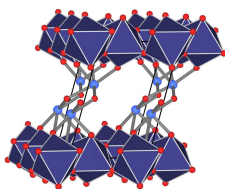
2.6.1. S-Oxide: SO_3

 $\gamma - \text{SO}_3$ (eisartig) $\gamma - \text{SO}_3$ (eisartig) $\beta - \text{SO}_3$ (asbestartig)

2.6.2. Se-Oxide

 SeO_2  SeO_3  $(\text{Se}^{\text{VI}}\text{O}_2\text{O}_{2/2})_4 \text{Se}_2\text{O}_5 (\text{Se}^{\text{IV}}\text{OO}_{2/2})(\text{Se}^{\text{VI}}\text{O}_2\text{O}_{2/2})$

2.6.3. Te-Oxide

 $\beta\text{-TeO}_2$ (Tellurit) $\alpha\text{-TeO}_2$  $\alpha\text{-TeO}_3$ (VF_3 -Typ + Vergl. mit ReO_3) $\text{Te}_2\text{O}_5 (\text{Te}^{\text{VI}}\text{O}_{6/2})(\text{Te}^{\text{IV}}\text{O}_{4/2})$

2.7. Zusammenfassung kovalente Oxide

	Elemente M	M-Oxid mit maximaler Oxidationsstufe	M-Oxid mit maximaler Oxidationsstufe -2
4. HG 4-bindig 0-LP	C, Si, Ge 	$\text{SiO}_2, \text{GeO}_2$ Cristobalit, Tridymit, ...	
5. HG 3-bindig 1-LP	P 	P_4O_{10} (H-Form) As_4O_{10}	P_4O_6 As_4O_6
	P, As, Sb 	P_2O_5 (O-Form) As_2O_5	As_2O_3 (Claudetit) Sb_2O_3 (Valentinit)
6. HG 2-bindig 2-LP	...	SO_3 	SeO_3
	S, Se, Te 	SO_3	SeO_2
7. HG 1-bindig 3-LP	$\text{F}_2, \text{Cl}_2, \text{Br}_2, \text{I}_2$ 	Cl_2O_7	Br_2O_5 I_2O_5
8. HG 0-bindig 4-LP	He, Ne, Ar, Kr, Xe 	XeO_4	XeO_3