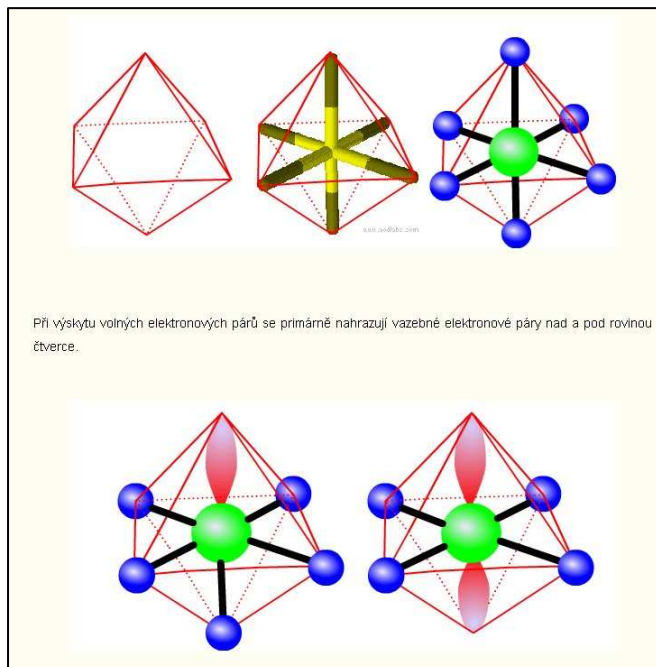
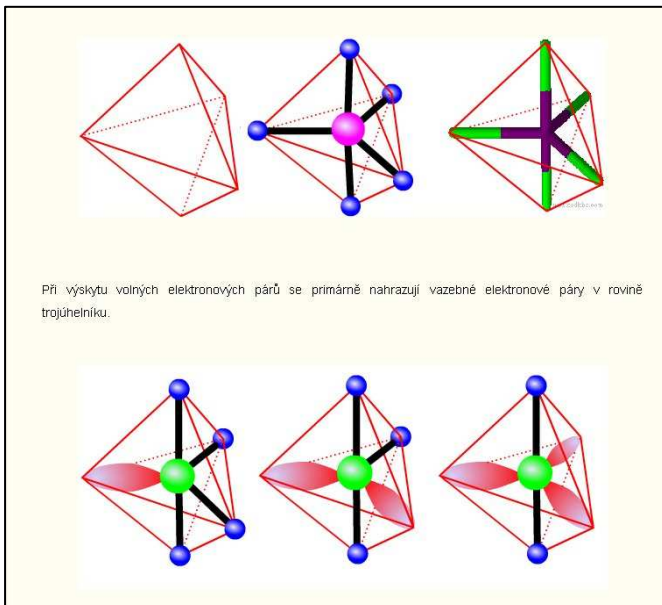
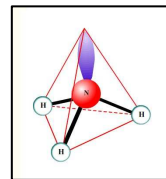
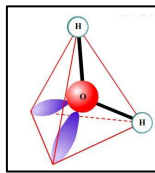
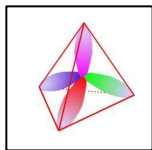
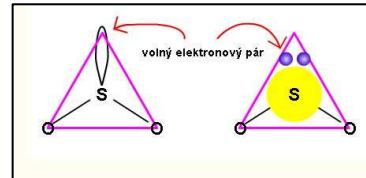
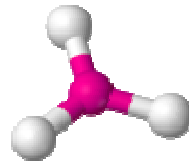
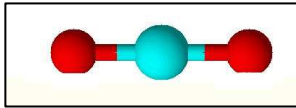
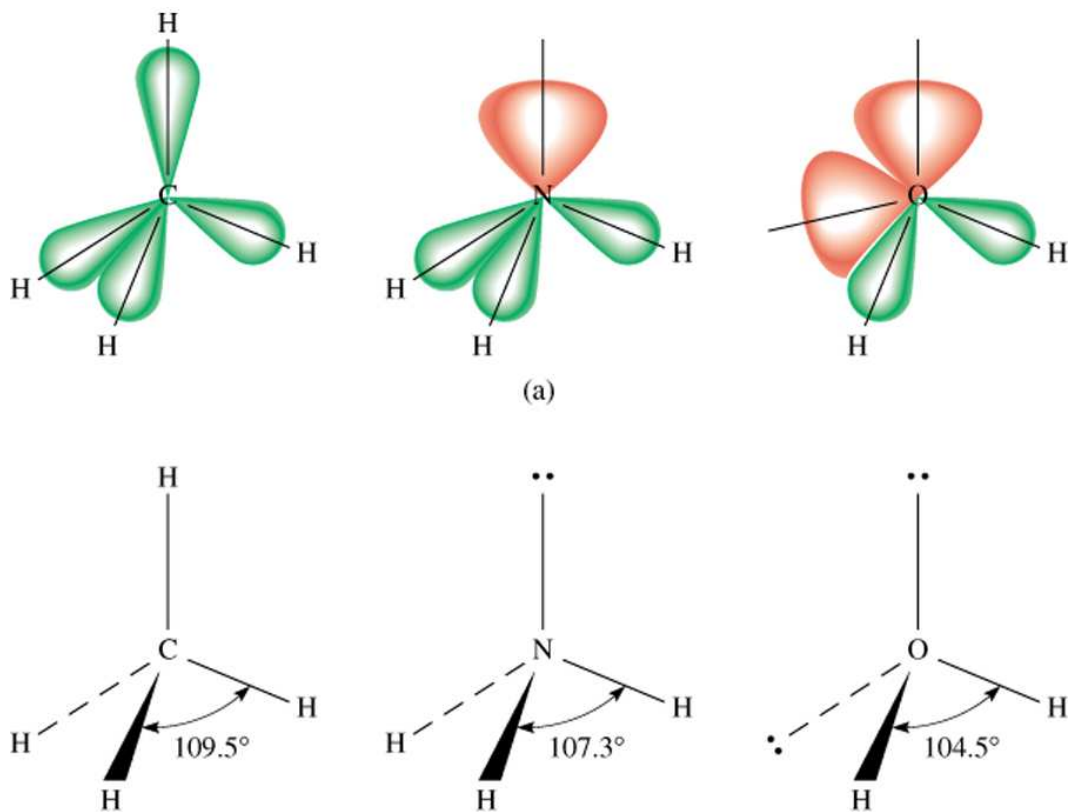


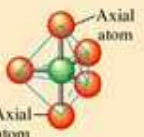



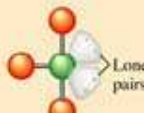

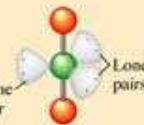





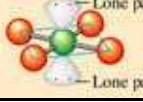
VSEPR:

(z angl. *Valence Shell Electron-Pair Repulsion*), česky *teorie odpuzování elektronových párů ve valenční vrstvě*





ELECTRON PAIRS			ARRANGEMENT OF PAIRS	MOLECULAR GEOMETRY	EXAMPLE
Total	Bonding	Lone			
2	2	0	Linear	Linear AX ₂	BeF ₂ F—Be—F
3	3	0	Trigonal planar	Trigonal planar AX ₃	BF ₃
		1		Bent (or angular) AX ₂	SO ₂
4	4	0	Tetrahedral	Tetrahedral AX ₄	CH ₄
		1		Trigonal pyramidal AX ₃	NH ₃
		2		Bent (or angular) AX ₂	H ₂ O

ELECTRON PAIRS			ARRANGEMENT OF PAIRS	MOLECULAR GEOMETRY	EXAMPLE
Total	Bonding	Lone			
5	5	0	Trigonal bipyramidal	Trigonal bipyramidal AX_5 	PCl_5 
	4	1		Seesaw (or distorted tetrahedron) AX_4 	SF_4 
	3	2		T-shaped AX_3 	ClF_3 
	2	3		Linear AX_2 	XeF_2 
6	6	0	Octahedral	Octahedral AX_6 	SF_6 
	5	1		Square pyramidal AX_5 	IF_5 
	4	2		Square planar AX_4 	XeF_4 