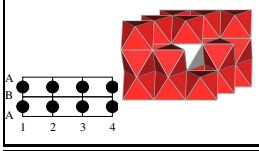
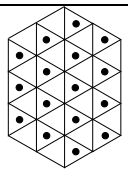
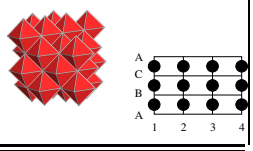
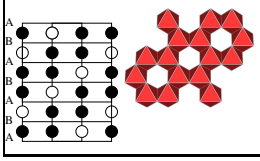
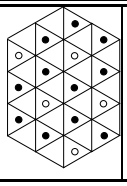
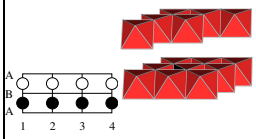
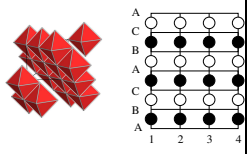
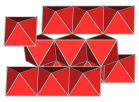
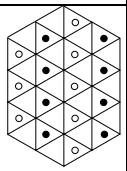
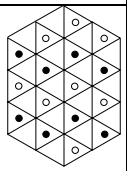
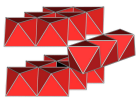
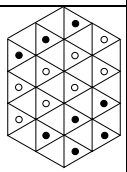
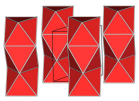
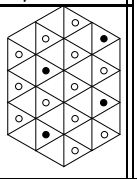
3.3.3. Dichte Packungen mit gefüllten Oktaederlücken

X hexagonal dicht	Formel	CN (X)	Lücken-besetzung	**X kubisch dicht**
 NiAs	**MX**	**6**	**1:** 	NaCl 
 Korund	$\mathbf{M_2X_3}$	**4**	**2/3:** 	-
	$\mathbf{MX_2}$	**3**	**1/2**	
 CdI_2	Schicht		1 u. 0	$CdCl_2$ 
 $CaCl_2$ (Rutil)	Raum-		1/2: 	
 α-PbO_2	netz		1/2: 	Anatas (TiO_2) 
 α-AlOOH			1/2: 	
NFe_2			2/3 u. 1/3	
	$\mathbf{MX_3}$	**2**	**1/3**	
 ZrI_3	Kette		1/3: 	
BiI_3	Schicht		2/3 u. 0	YCl_3
RhF_3	Raumnetz			
α-NbI_4 (Kette)	$\mathbf{MX_4}$	2/1	**1/4**	NbF_4 (Schicht)
α-Nb_2Cl_{10} (mol.)	$\mathbf{MX_5}$	2/1	**1/5**	U_2Cl_{10} (mol.)
				UF_5 (Kette)
$\alpha - WCl_6$	$\mathbf{MX_6}$	1	**1/6**	-