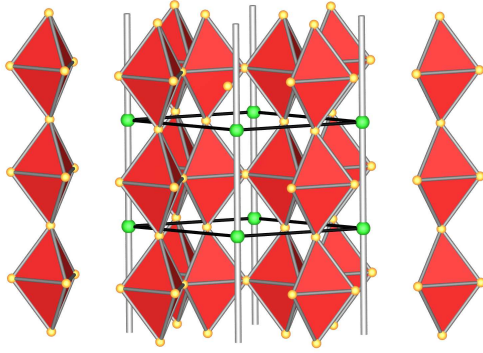


7. Packungsdominierte Phasen (Forts.)

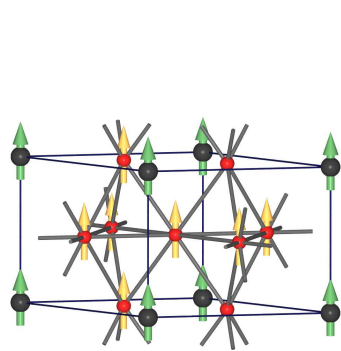
7.3. Verwandte von Laves-Phasen



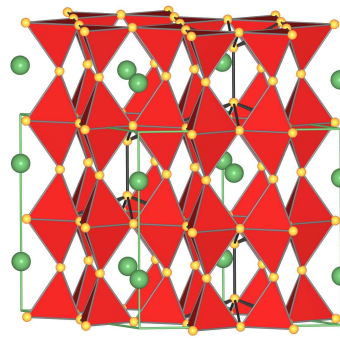
CaCu₅-Typ: |:AA:|-Stapelfolge von Kagoménetzen

Verbindung	Strukturtyp	T _c [K]	μ _B	(BH) _{max} [kJ/m ³]
CeFe ₂	MgCu ₂	878	6.97	
HoFe ₂	MgCu ₂	608	6.02	
ErFe ₂	MgCu ₂	473	5.02	
YMn ₅	CaCu ₅	490	1.38	
HoMn ₅	CaCu ₅	425	1.99	
SmCo ₅	CaCu ₅	1025	8.6 (1.4 K)	200
Sm ₂ Co ₁₇	Th ₂ Ni ₁₇	1100		260
Nd ₂ Fe ₁₄ B	eigenes	583		512
Fe	b.c.c.	633	2.22	

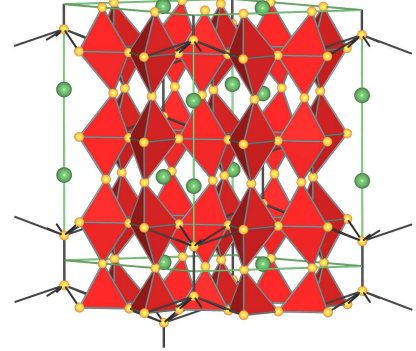
Eigenschaften von Hartmagnetmaterialien



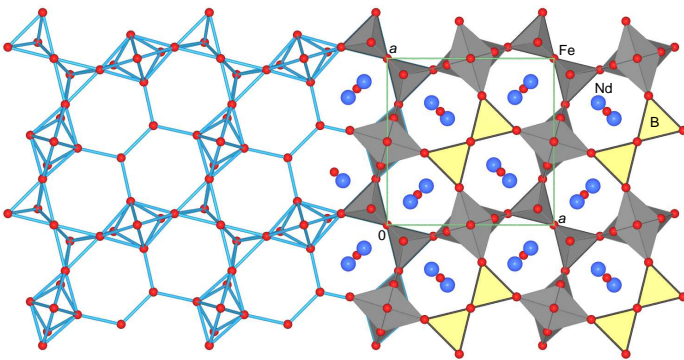
magnetische Struktur von SmCo₅



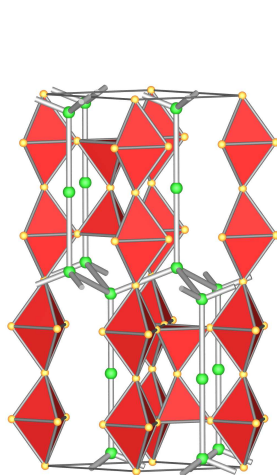
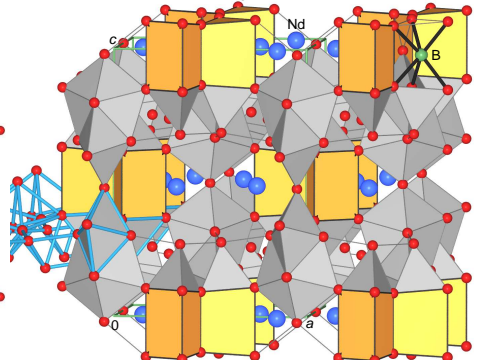
Th₂Ni₁₇



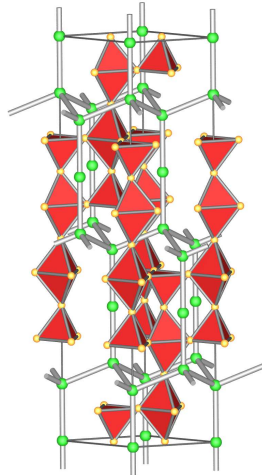
Th₂Zn₁₇



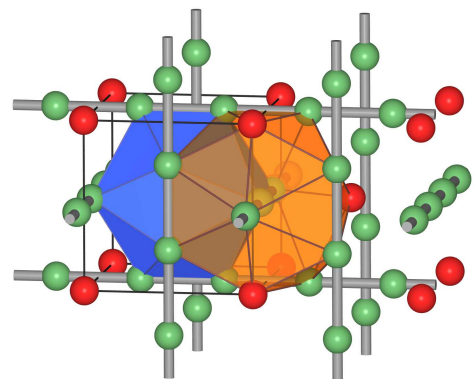
Struktur von Nd₂Fe₁₄B



CeNi₃-Typ: |:AABB:|-Stapelfolge



PuNi₃-Typ: |:AABBCC:|-Stapelfolge



Cr₃Si-Typ