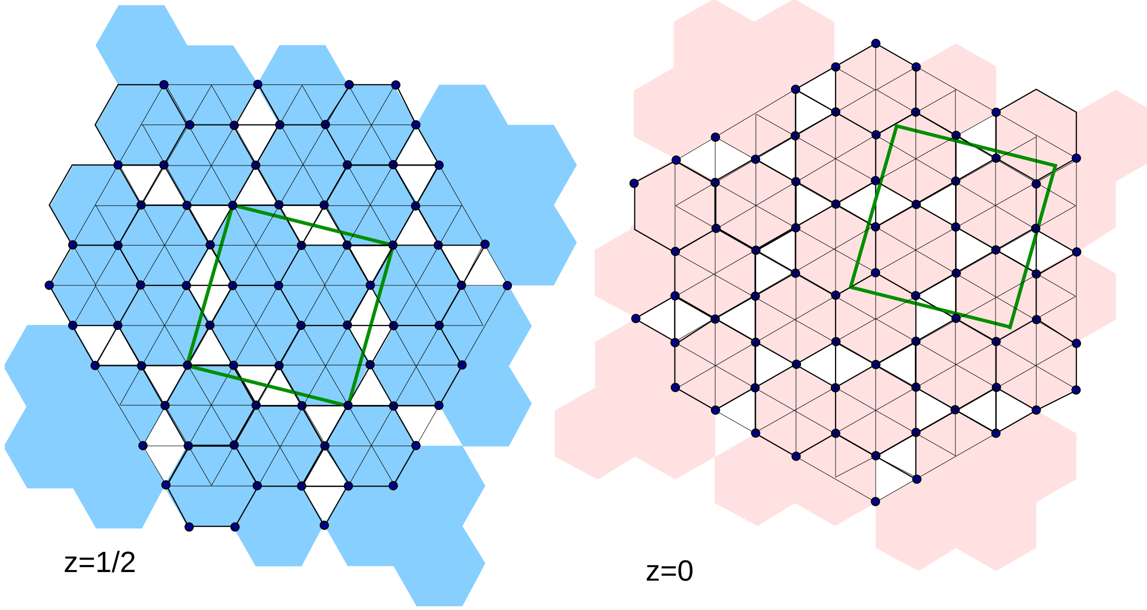
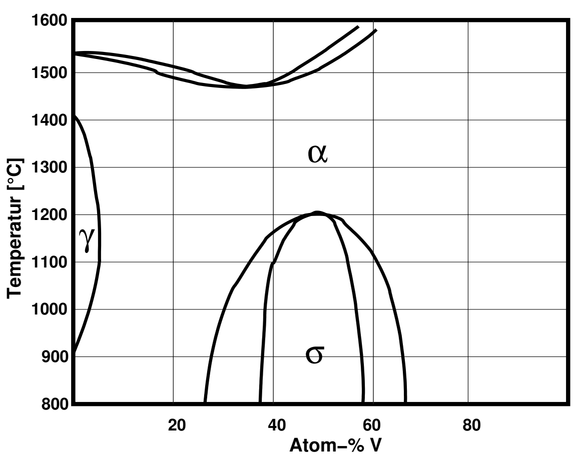
7. Packungsdominierte Phasen (Forts.)

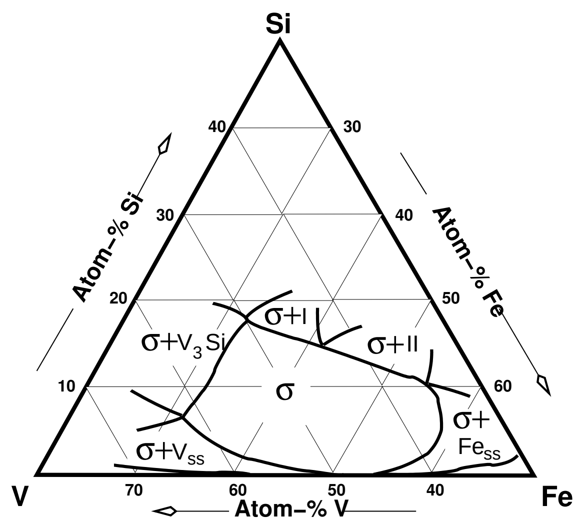
7.5. σ-Phasen



Netze in der Struktur der σ-Phasen



σ-Phase im System Fe-V



σ-Phase im System Fe-V-Si

Position	CN	Atom-Sorte	Ni-V 54.5-71 V	Fe-V 33.5-56 V	Fe-Cr 43-49 Cr	Co-Cr 58-63 Cr	Mn-Cr 16-24 Cr	Mn-Mo 40 Mo	Fe-Mo 50 Mo
A	12	II	Ni	Fe	Fe	Co	Mn	Mn	Mo
B	12	II	Ni	Fe	Fe	Co	Mn	Mn	Fe
C	14	I/II	V	Fe/V	Cr	Co/Cr	Mn/Cr	Mn/Mo	Mo
D	14	I/II	Ni/V	Fe/V	Fe/Cr	Co/Cr	Mn/Cr	Mn/Mo	Fe
E	15	I	V	V	Cr	Cr	Mn/Cr	Mo	Mo

Elementverteilung und Phasenbreiten (in Atom-%) in σ-Phasen