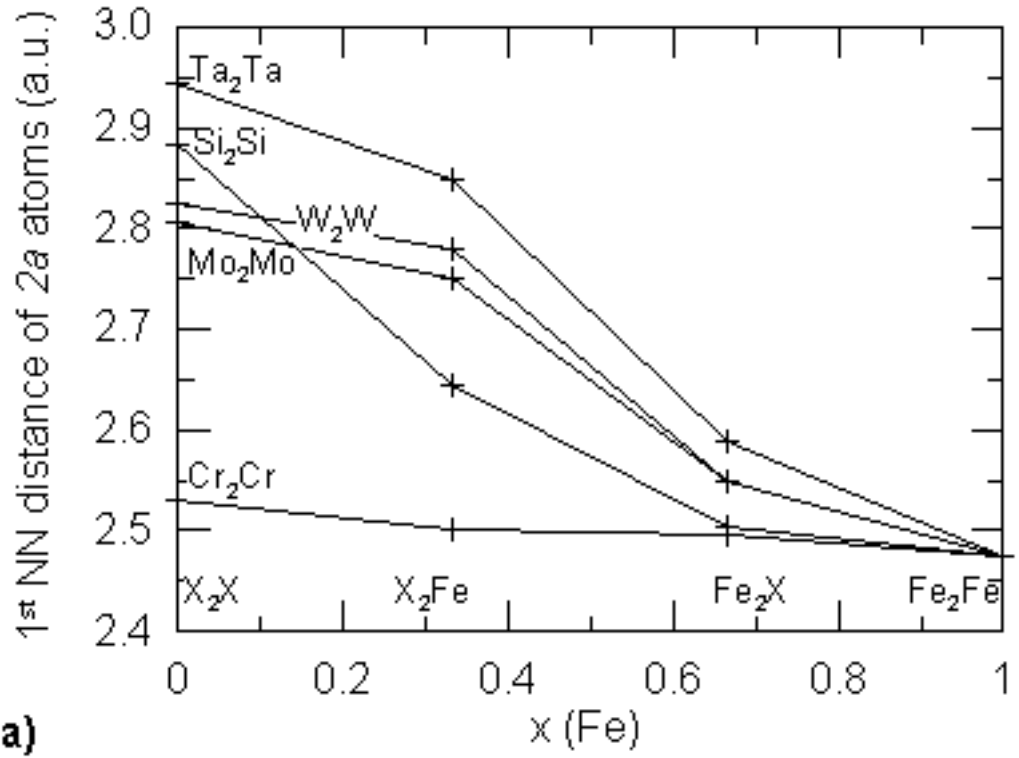
1st NN distance of 2a atoms (a.u.)
3.0
2.9
2.8
2.7
2.6
2.5
2.4
Ta2Ta
Si2Si
W2W
Mo2Mo
Cr2Cr
X2X
X2Fe
Fe2X
Fe2Fe
0
0.2
0.4
0.6
0.8
1
x (Fe)
a)