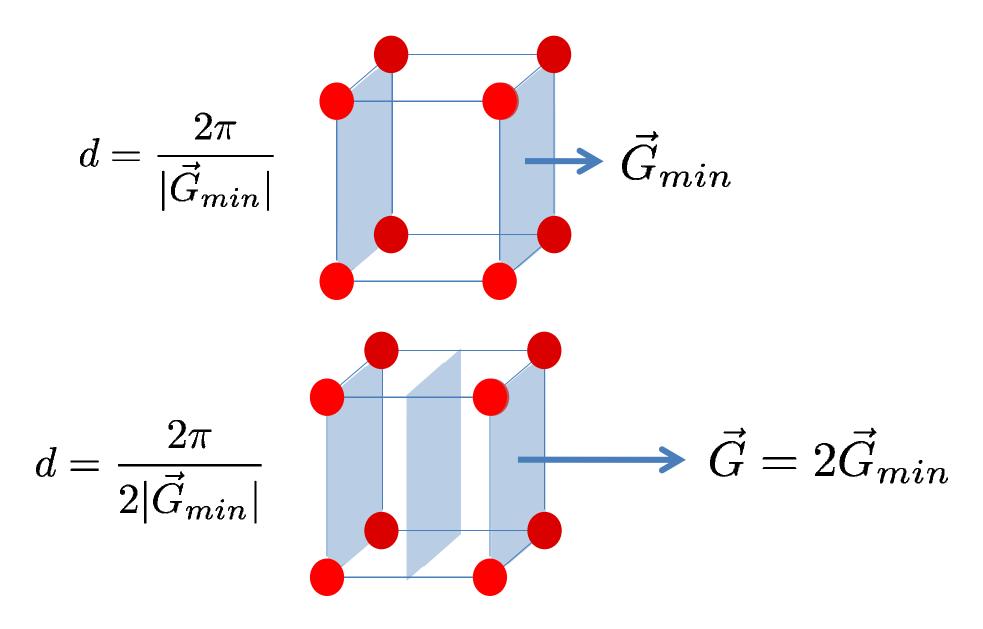
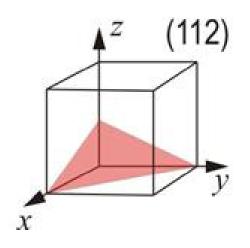
Slides Condensed Matter Physics Lecture 12

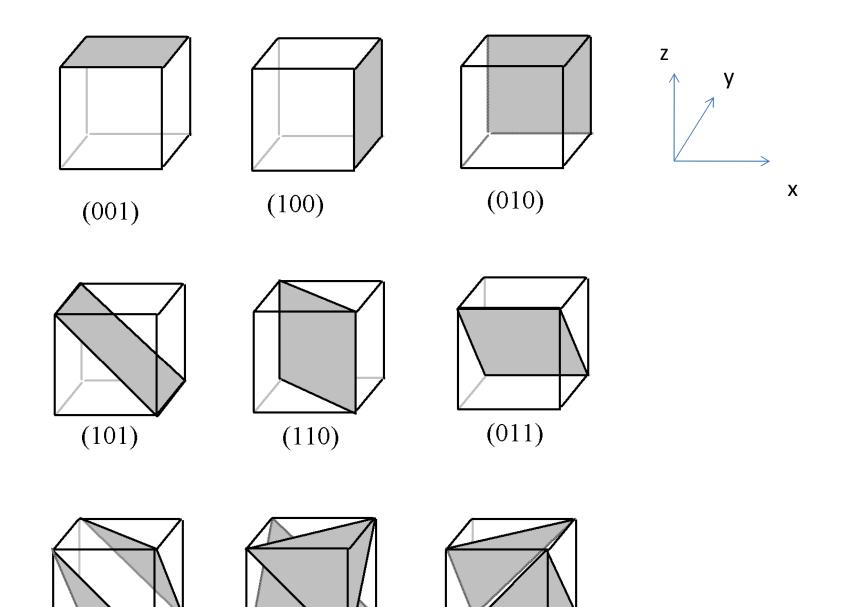
 $e^{iec{G}\cdotec{R}}=1~$ assures all lattice points included in defined planes $~e^{iec{G}\cdotec{x}}=1~$ but...

Only for $ec{G}_{min}$ are all planes lattice planes.





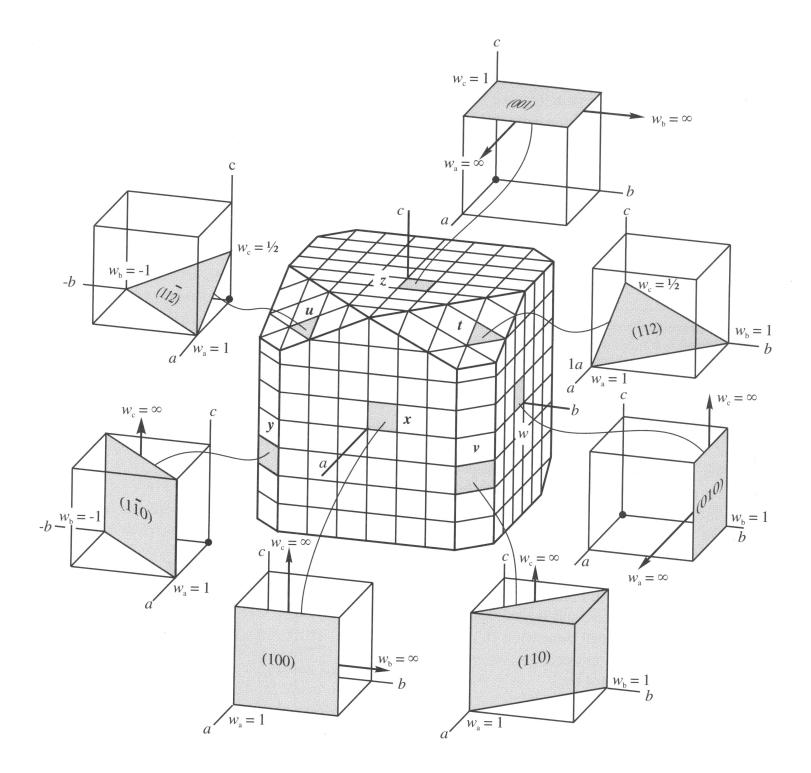
Some Examples of Miller Indices



(111)

(111)

(111)





NaCl (FCC with basis)



Quartz (Trigonal SiO₂)

