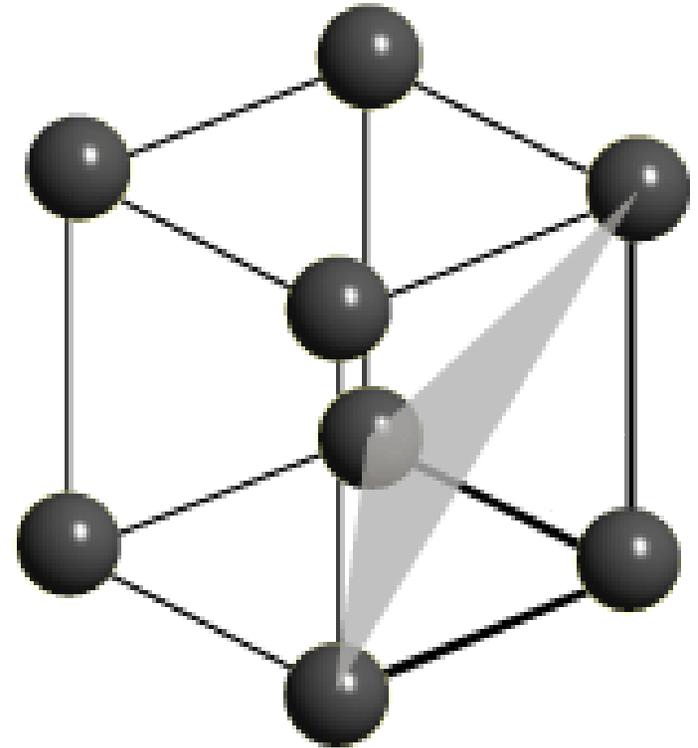
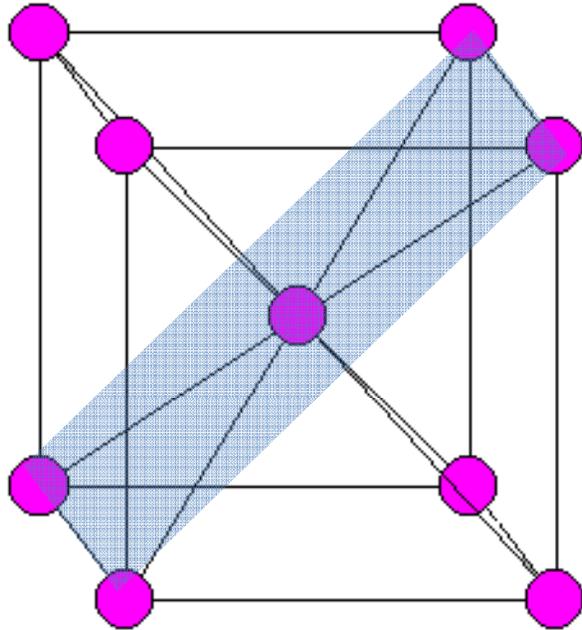
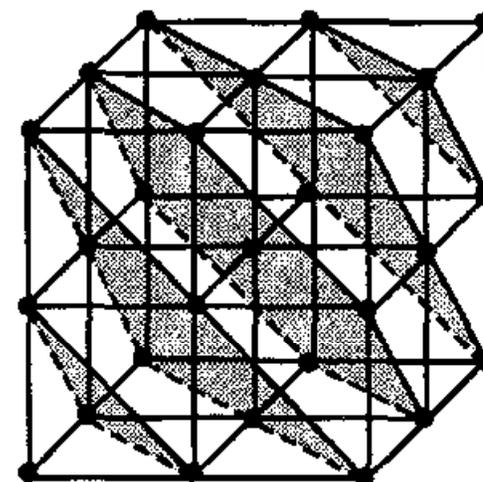
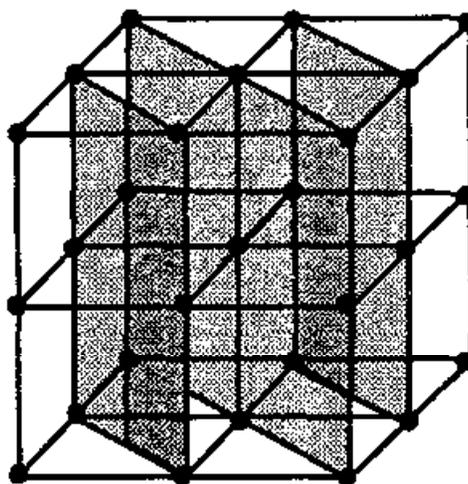
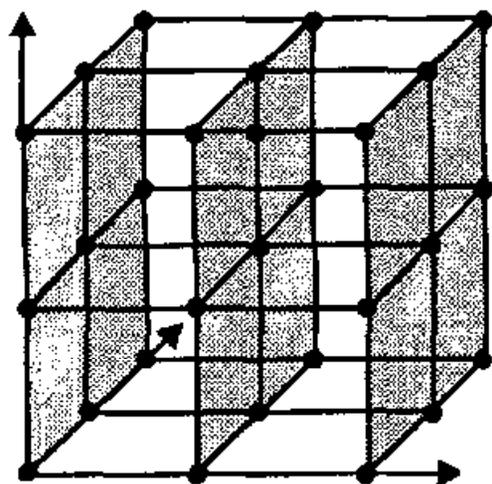


Slides  
Condensed Matter Physics  
Lecture 11

## Some Lattice Planes

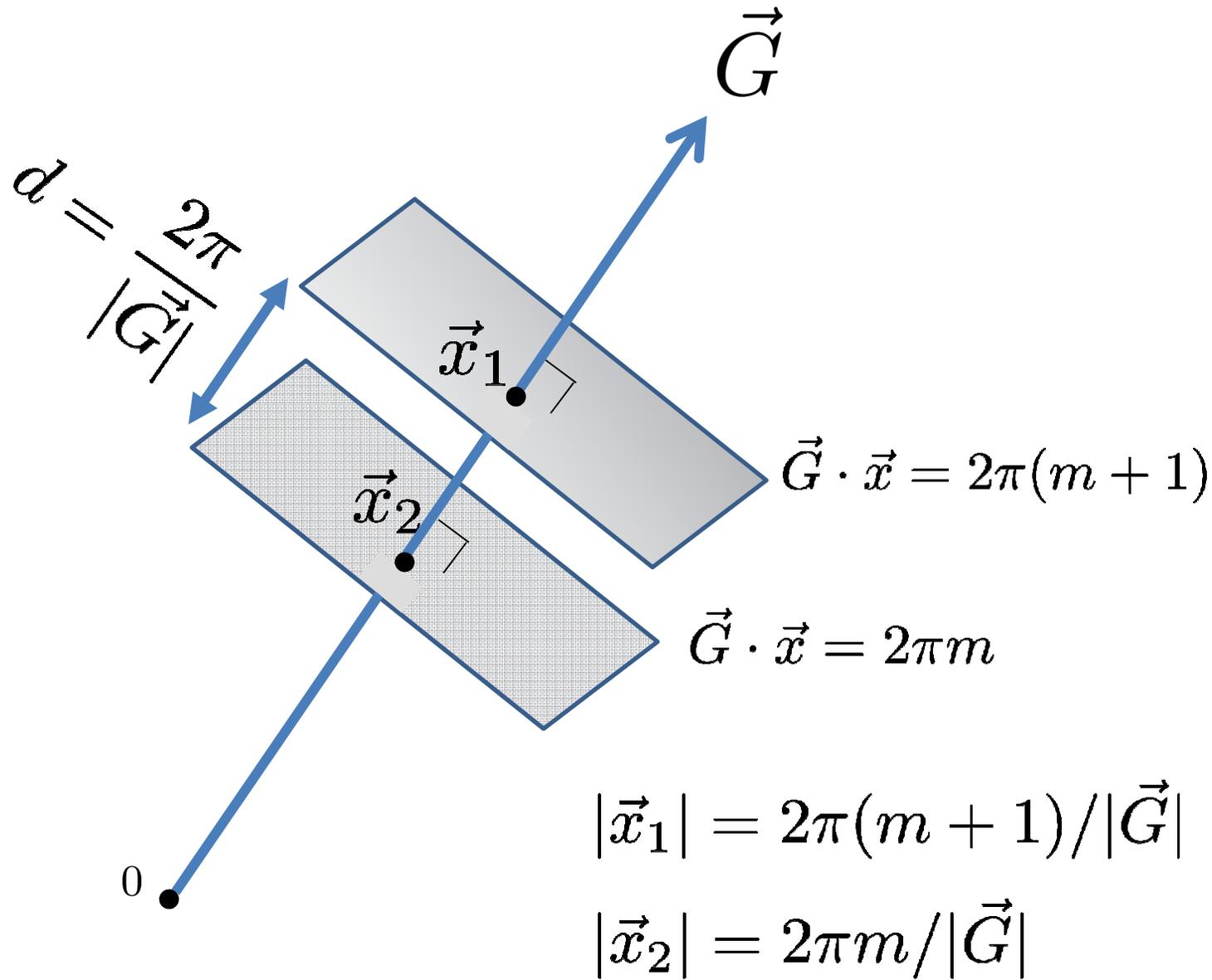


## Some Families of Lattice Planes

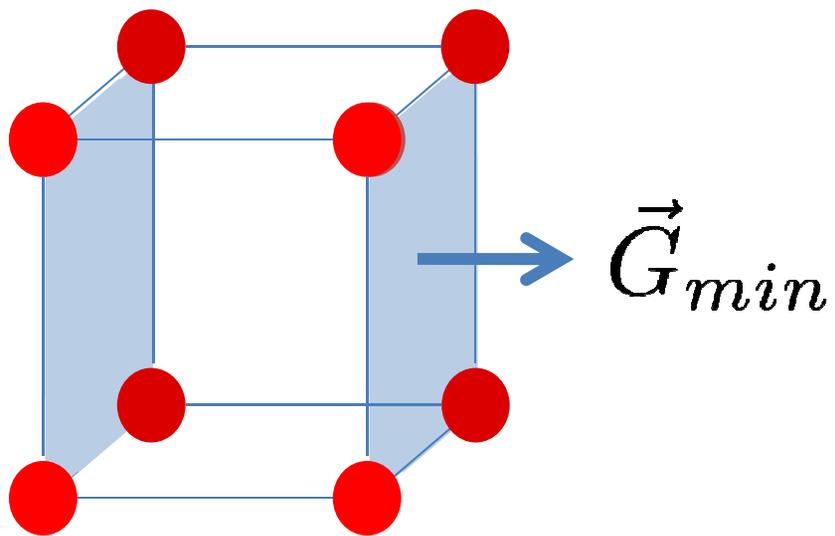


(Yeah, I know the pictures are junky, but I couldn't find any better ones)

Geometry of  $e^{i\vec{G}\cdot\vec{x}} = 1$



$$d = \frac{2\pi}{|\vec{G}_{min}|}$$



$$d = \frac{2\pi}{2|\vec{G}_{min}|}$$

