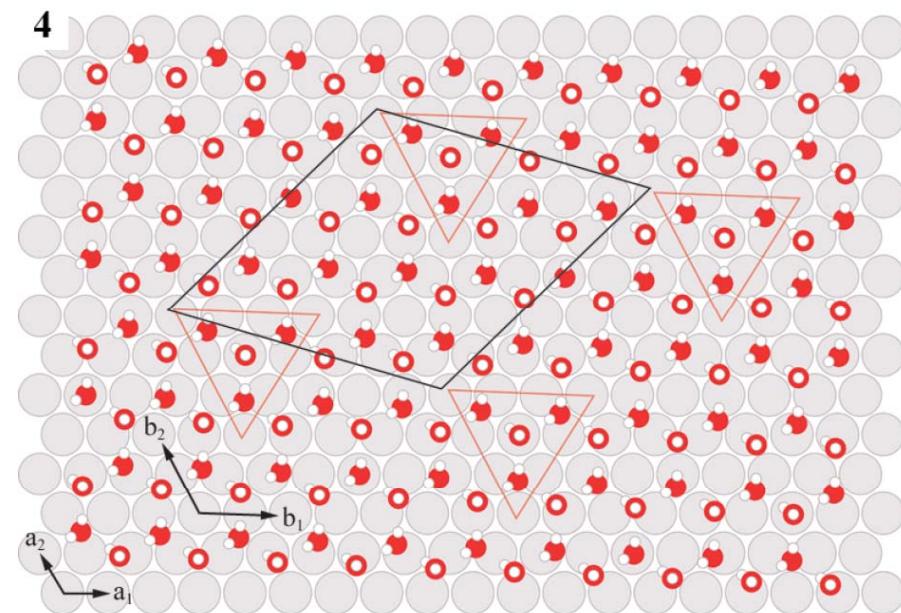
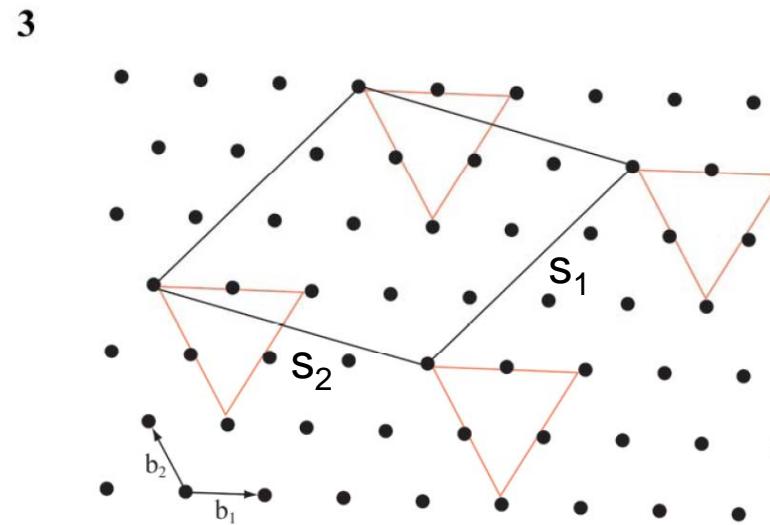
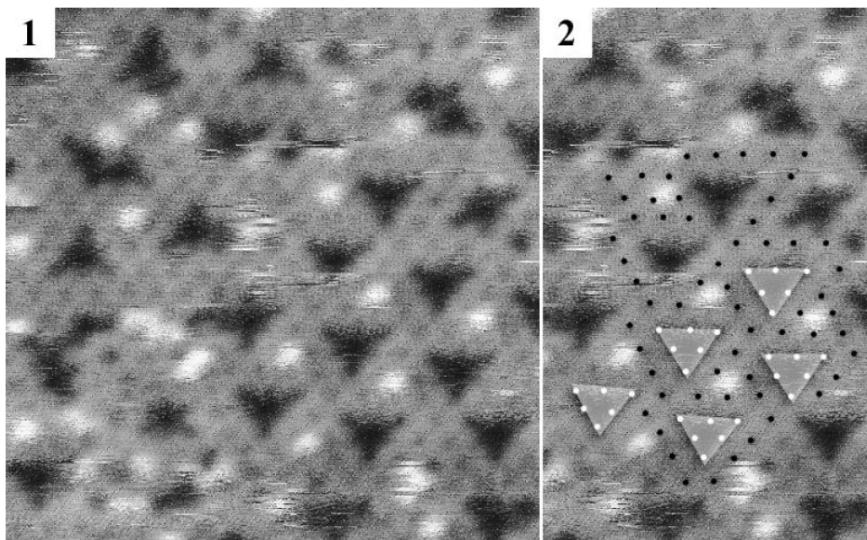
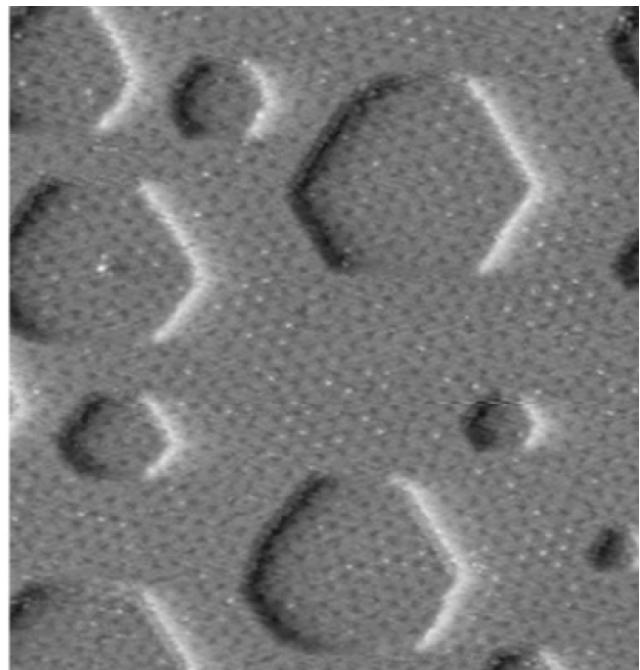
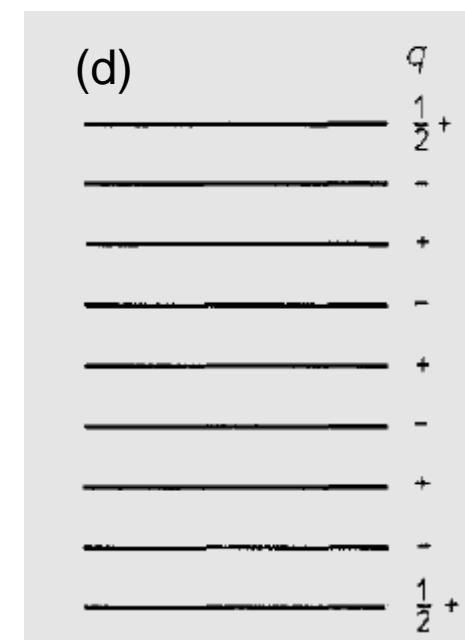
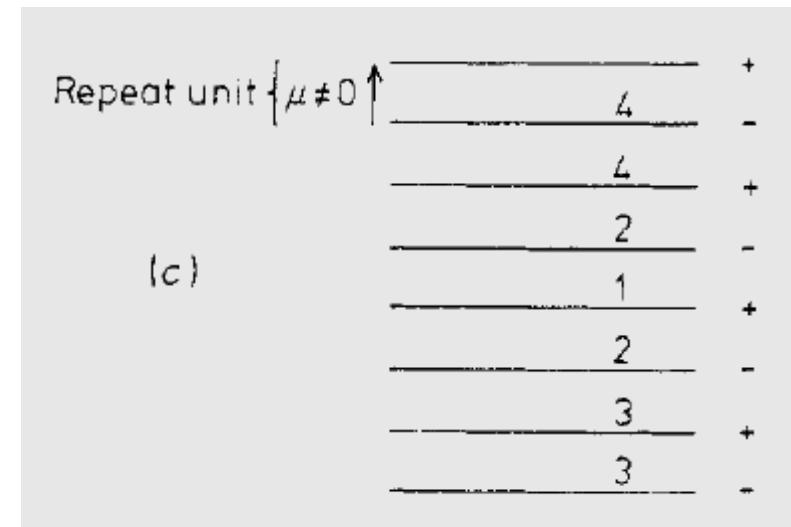
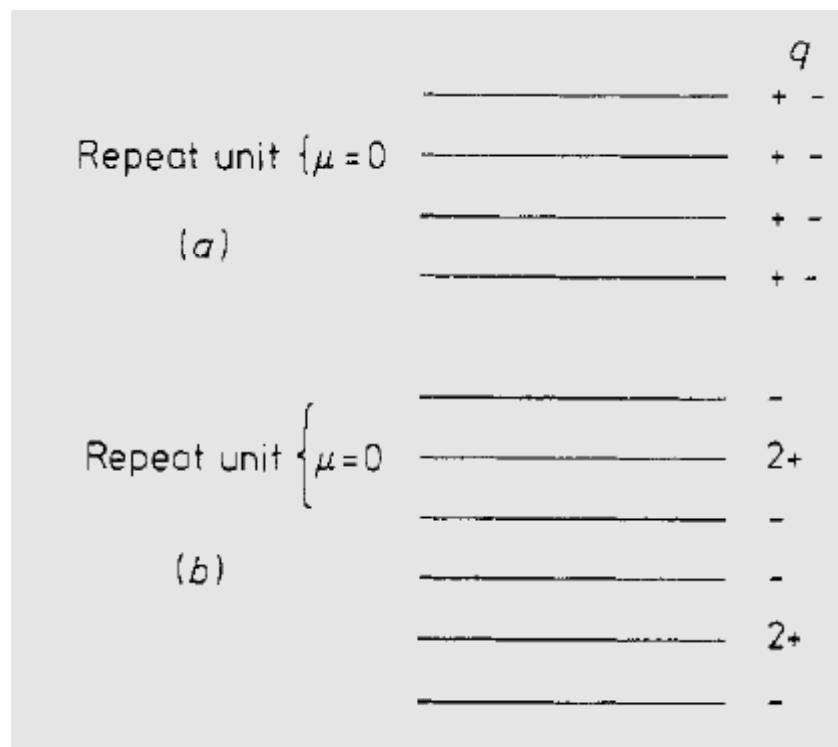


Structure of the ice monolayer on Pt(111): $\sqrt{39}\times\sqrt{39}$ R16,1°



Surfaces of Ionic Crystals



Faceted MgO(111)

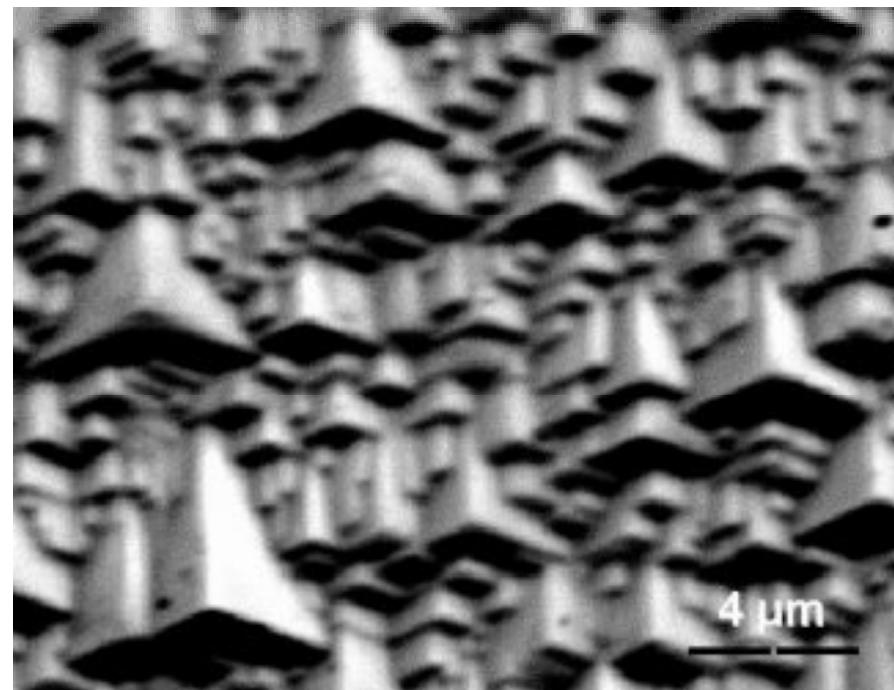


Fig. 1.24

Pyramids of EuO(111) on Ni(001)

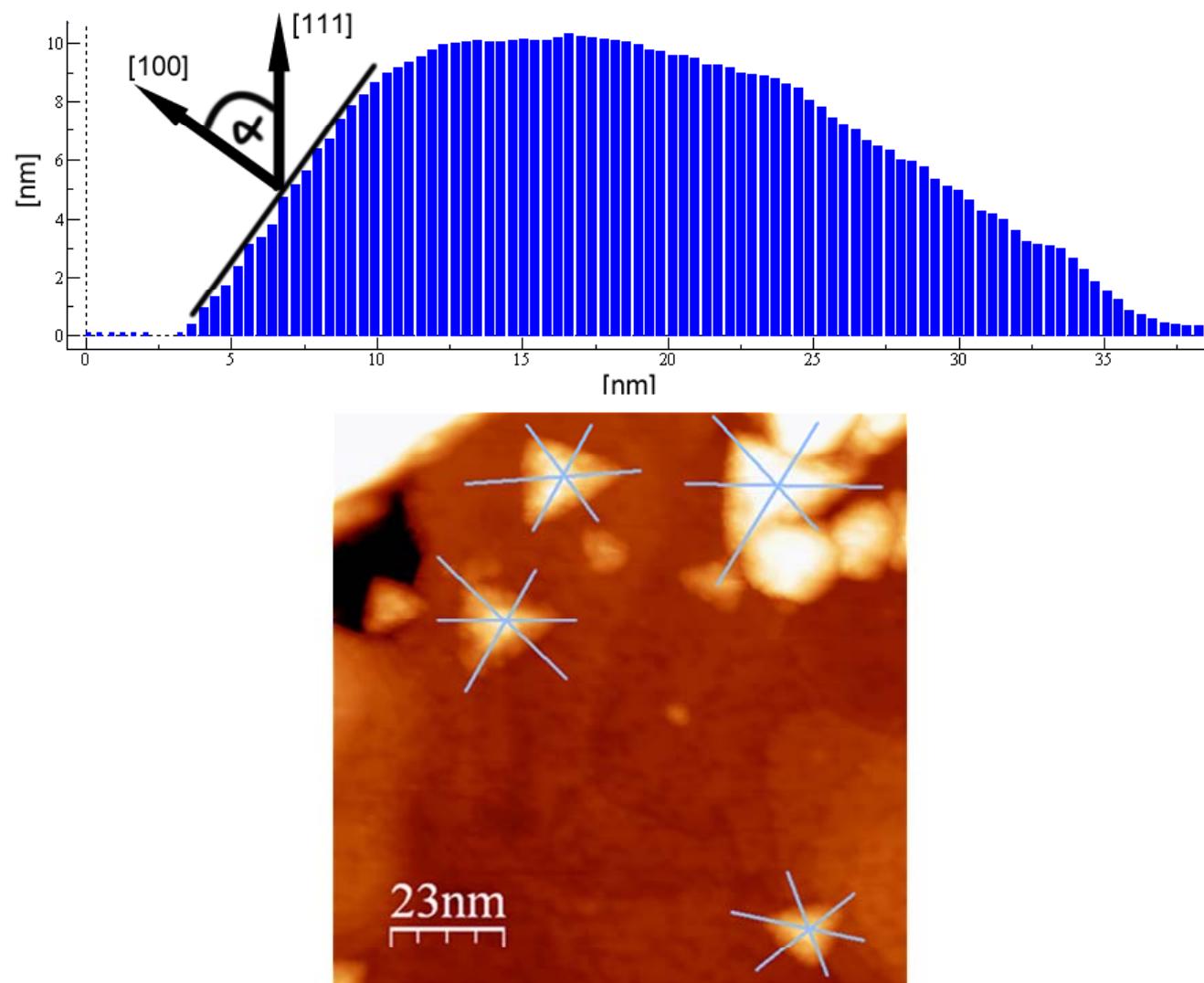
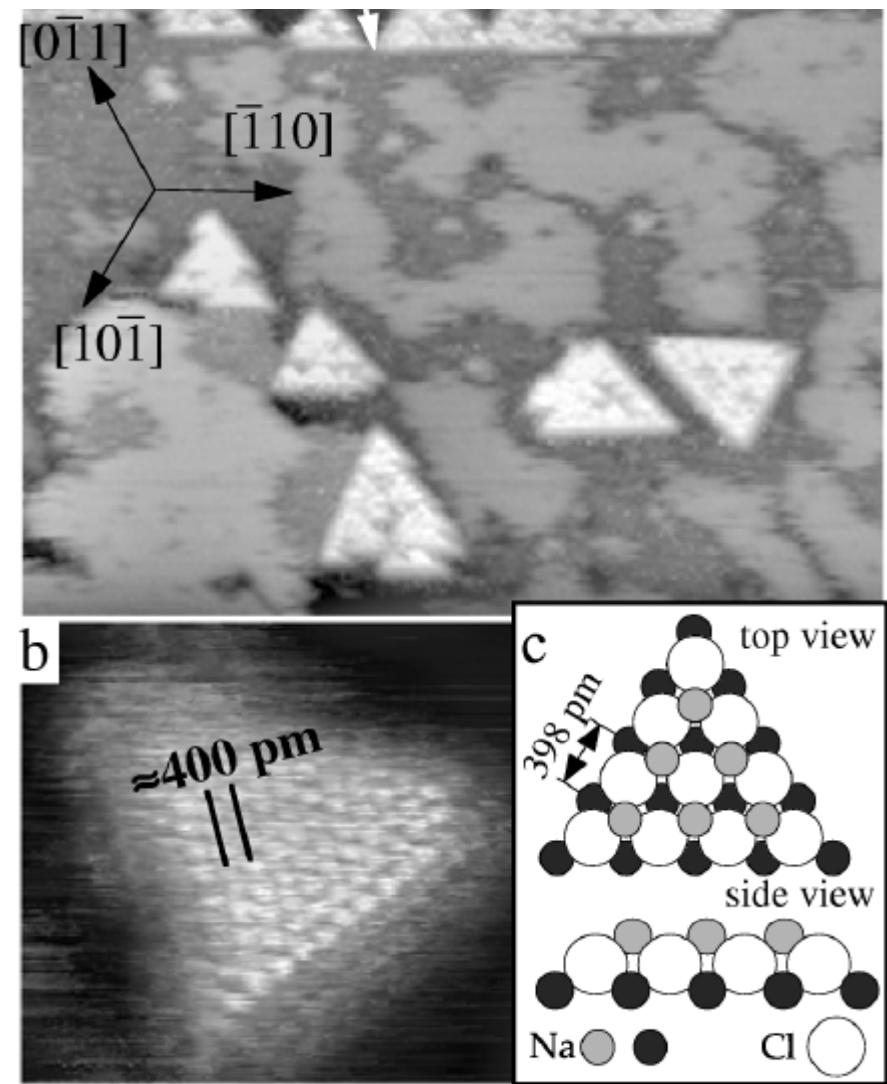
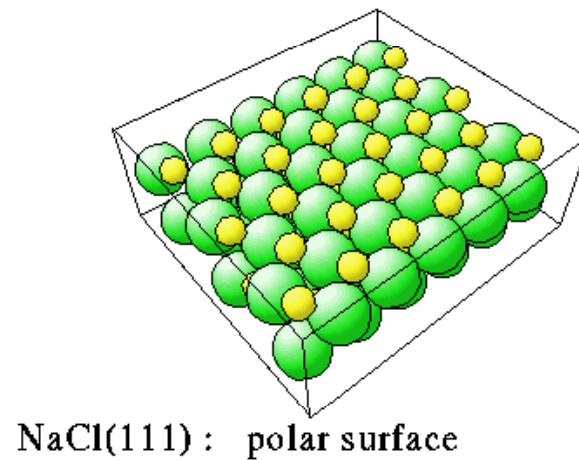
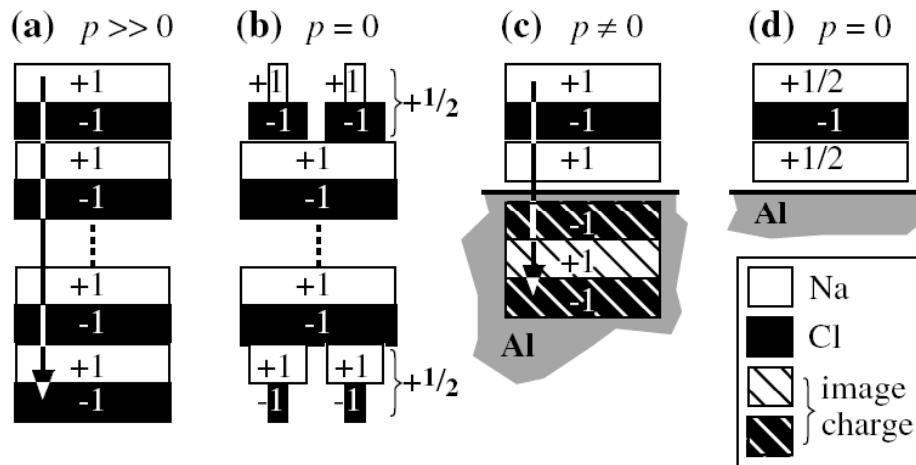
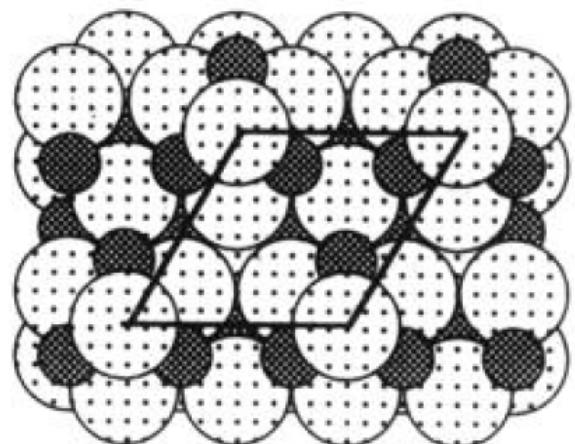


Fig. 1.25

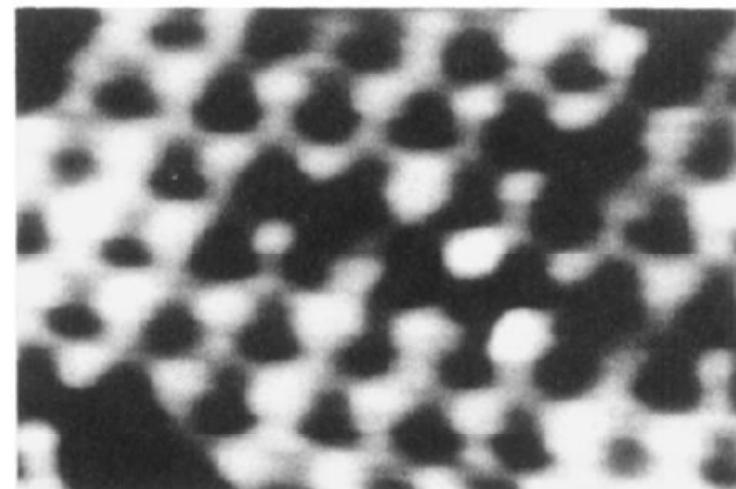
Stabilization by charge transfer for NaCl(111)



Stabilization by reconstruction: NiO(111) on Au(111)



structure model



C.A. Ventrice et al., Phys. Rev. B 49 (1994) 5773

Fig. 1.27

The Universal Curve for the Electron Mean Free Path

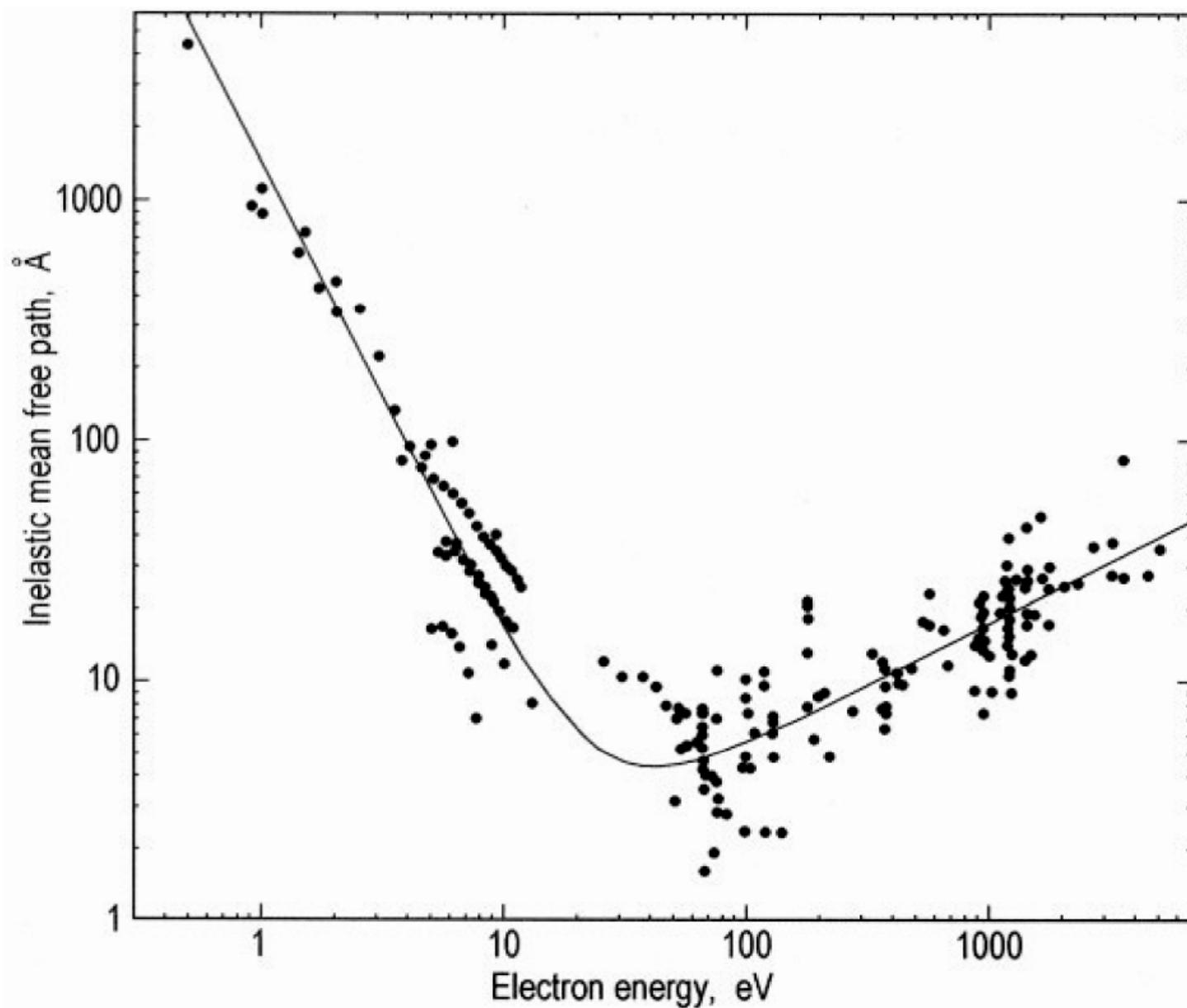


Fig. 1.28

Typical Features in a Secondary Electron Spectrum

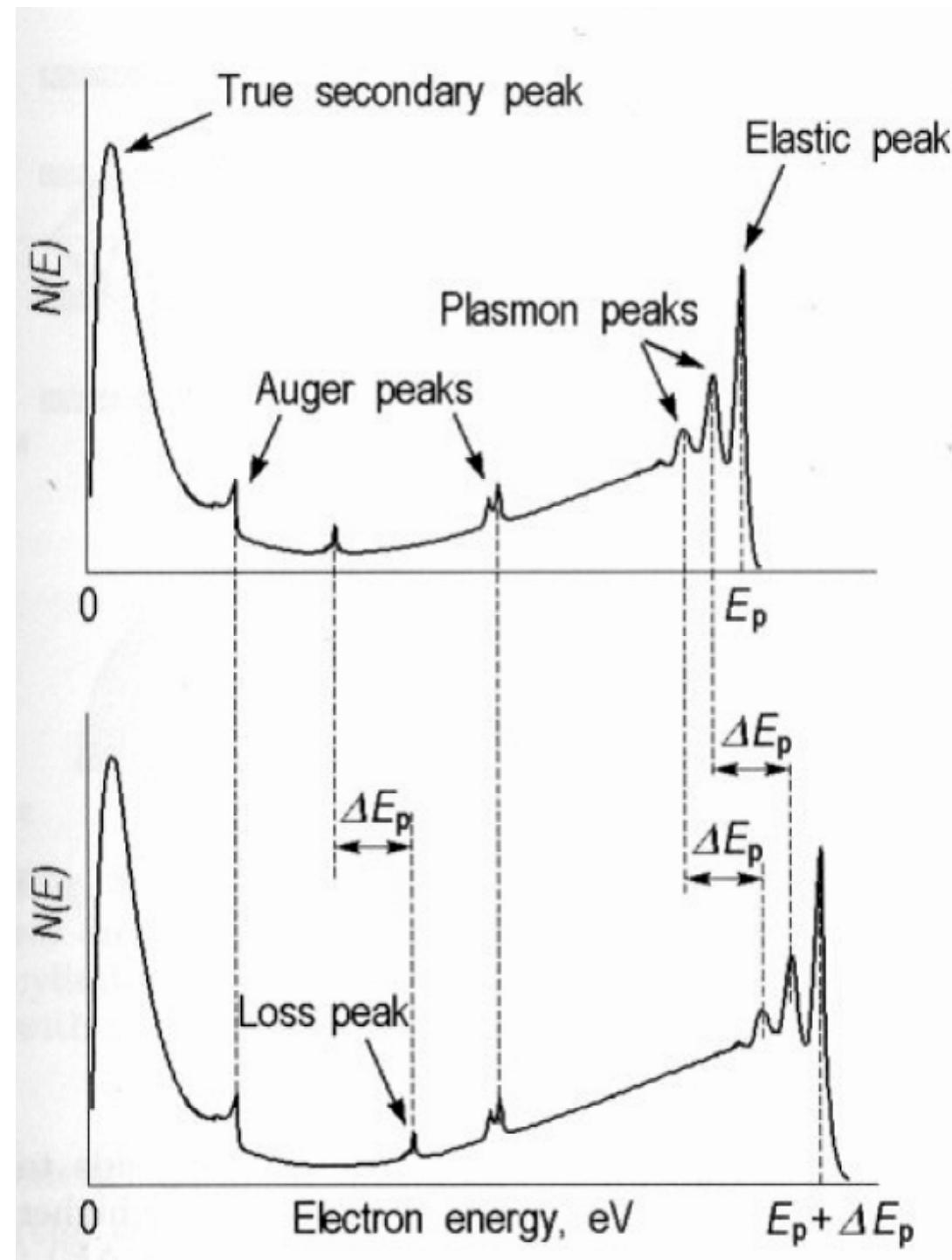


Fig. 1.29

Schematics for a Rear View LEED System

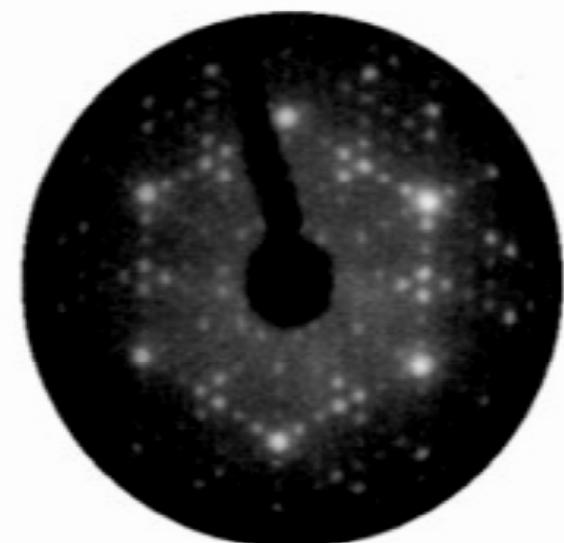
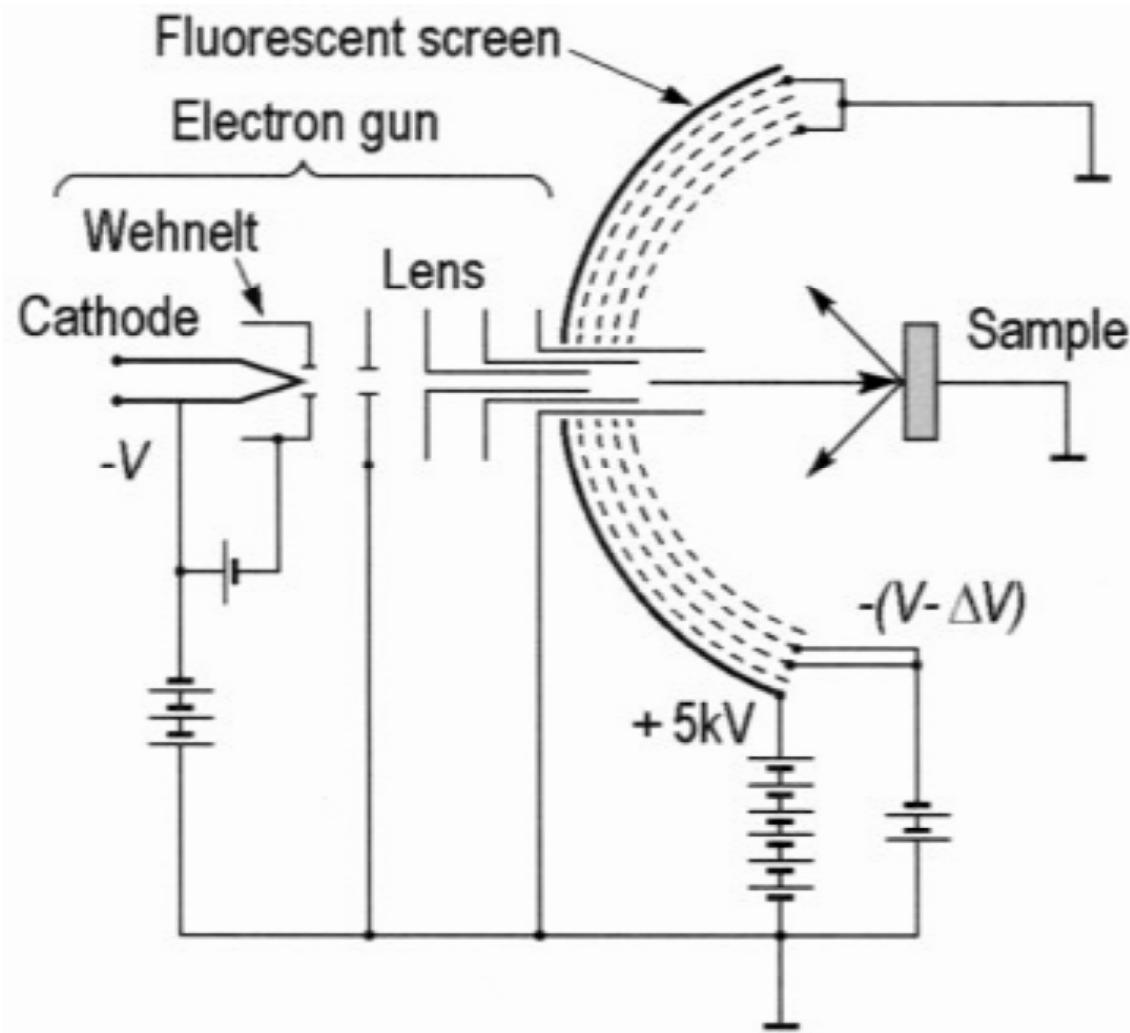
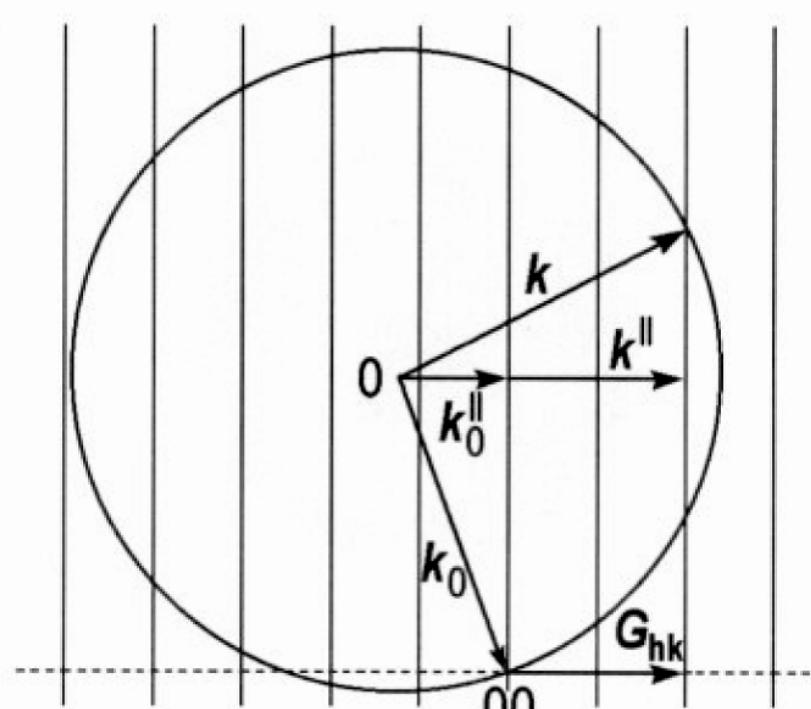


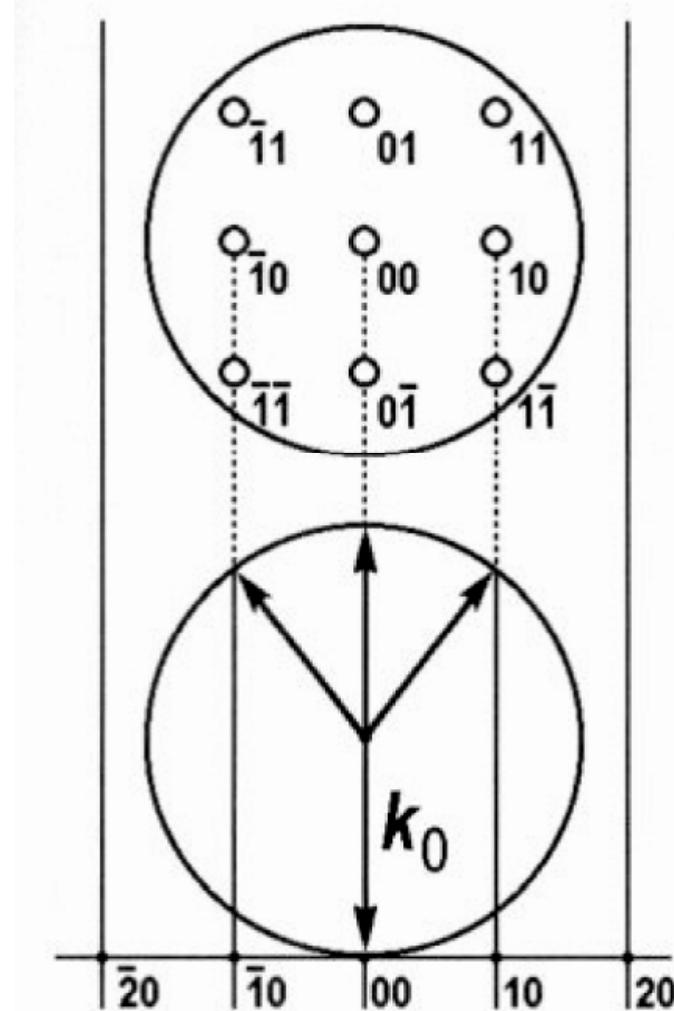
Fig. 1.30

Ewald Construction for a 2D Lattice



$$k^{\parallel} - k_0^{\parallel} = G_{hk}$$

general situation



spot indexing and typical LEED situation
with normal electron incidence

Fig. 1.31