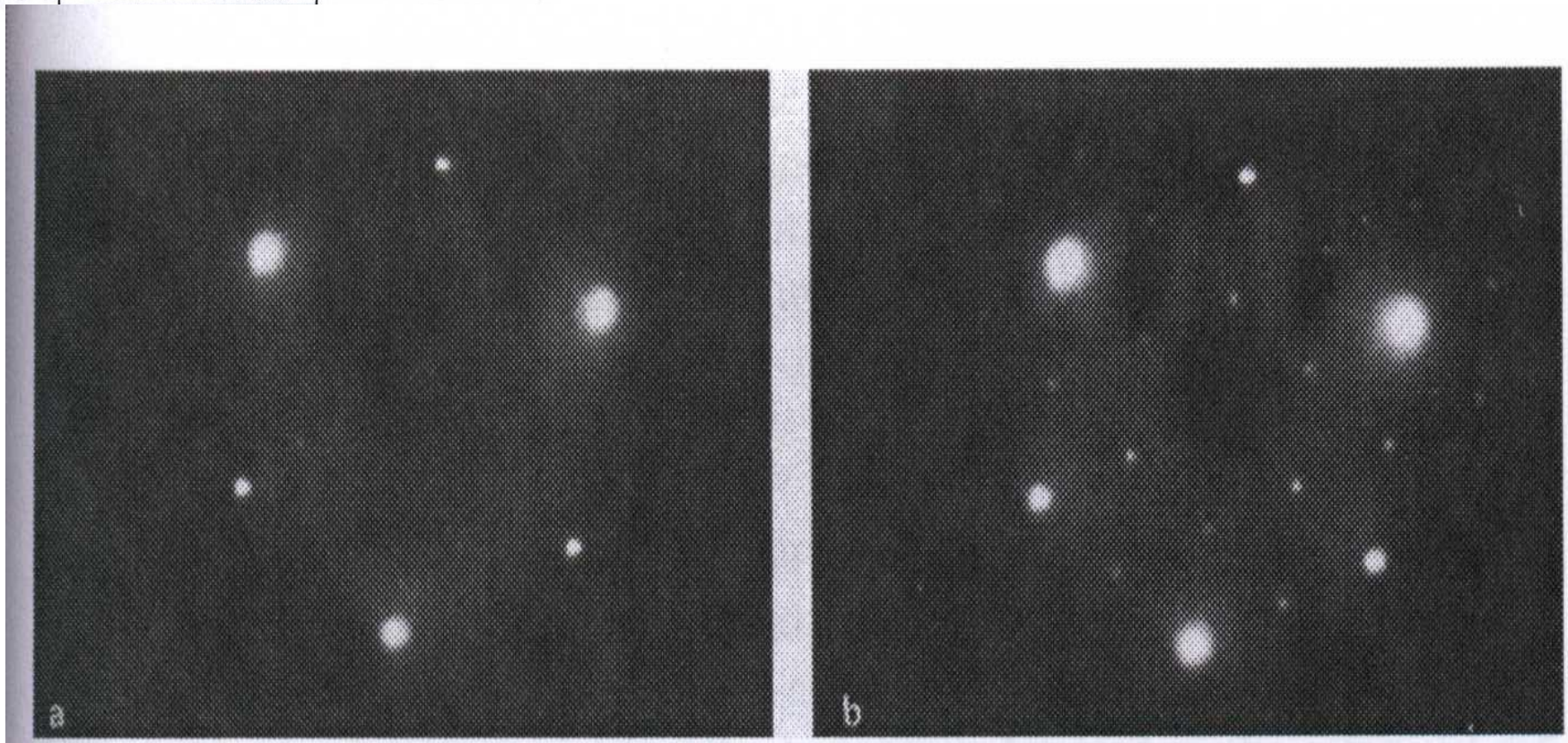
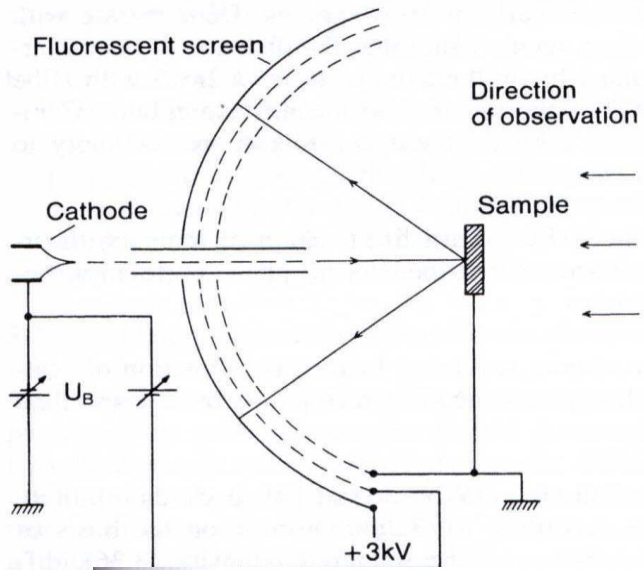


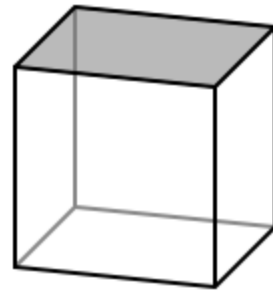
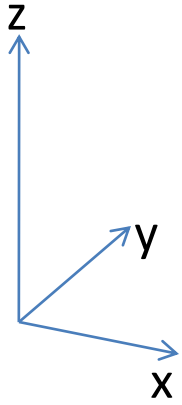
Fig-FK- 2.11

Fig-FK- 2.12

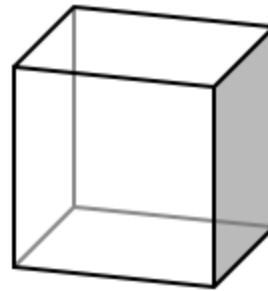
Bragg-Reflexion



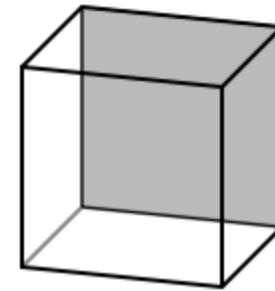
Millersche Indizes



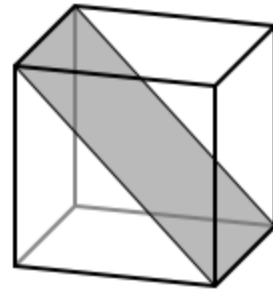
(001)



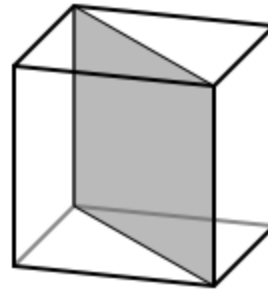
(100)



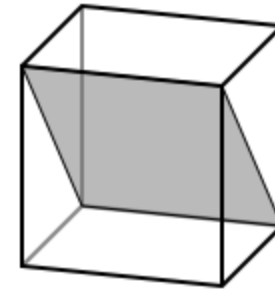
(010)



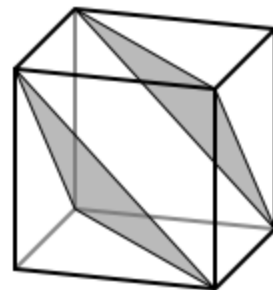
(101)



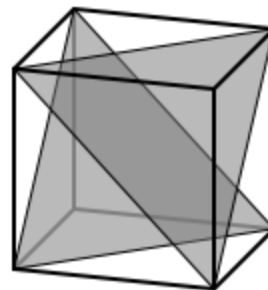
(110)



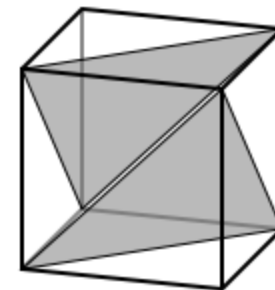
(011)



(111)



$(\bar{1}\bar{1}1)$



$(\bar{1}11)$

Fig-FK- 2.13

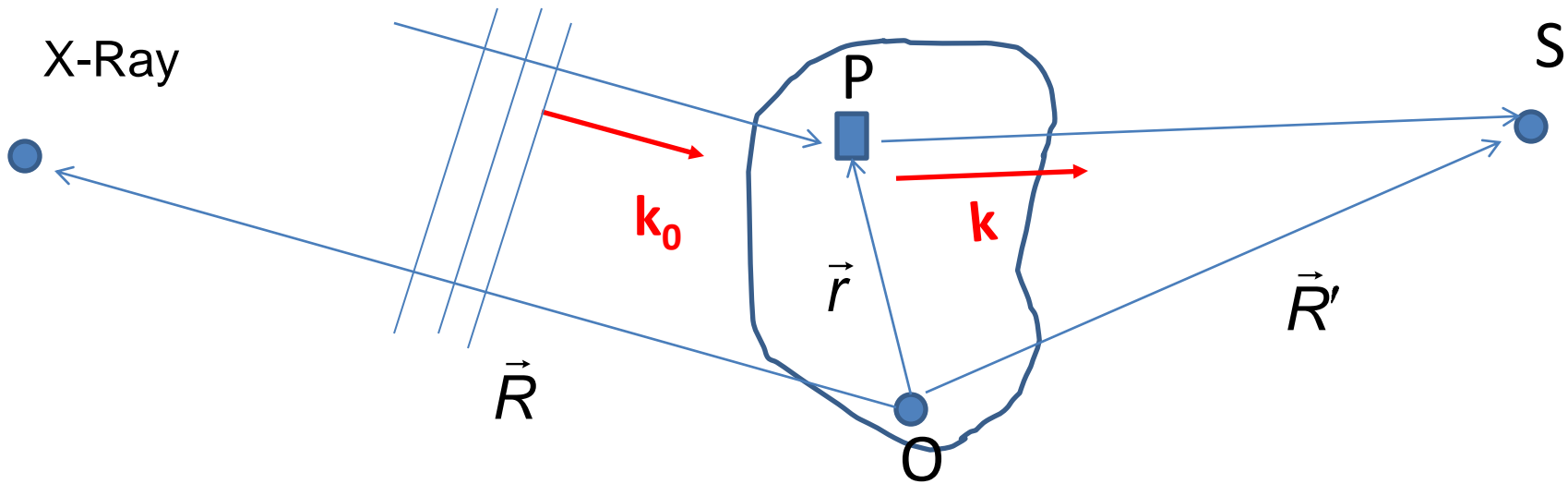
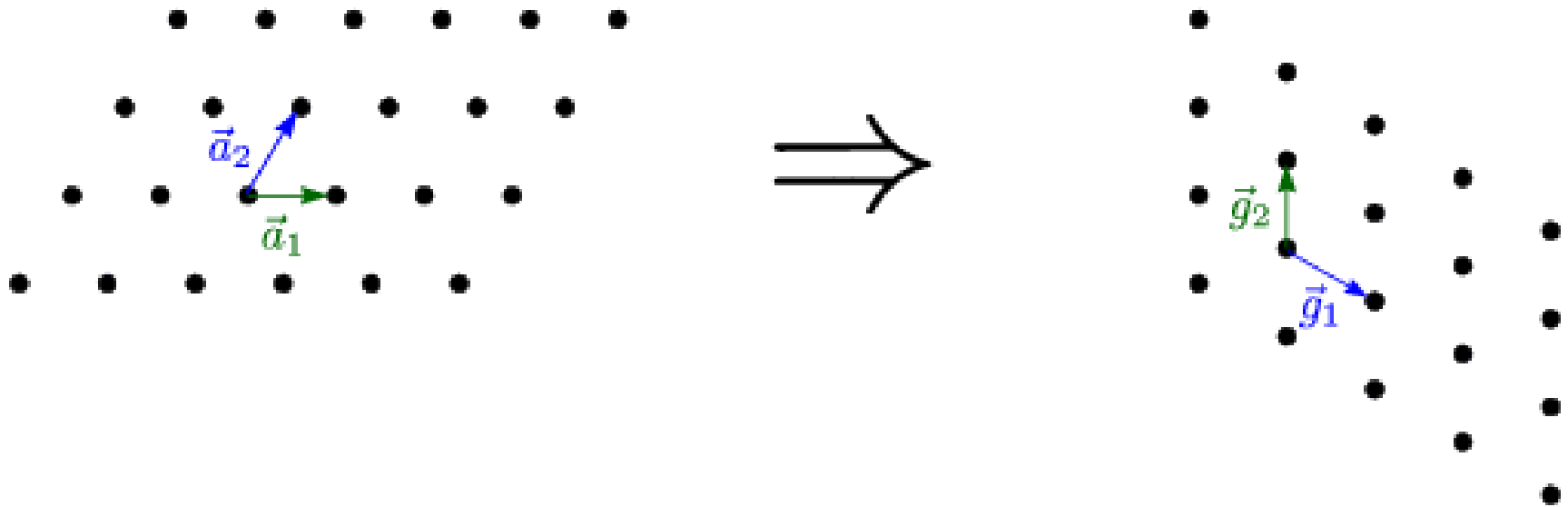


Fig-FK- 2.14

Reziproke Gittervektoren



Für kubisches Gitter

$$|\vec{a}_1| = |\vec{a}_2| = |\vec{a}_3| = |\vec{a}| \quad \left| \vec{b}_i \right| = \frac{2\pi}{a} \quad \left| \vec{G}_{hkl} \right| = \frac{2\pi}{a} \sqrt{h^2 + k^2 + l^2}$$