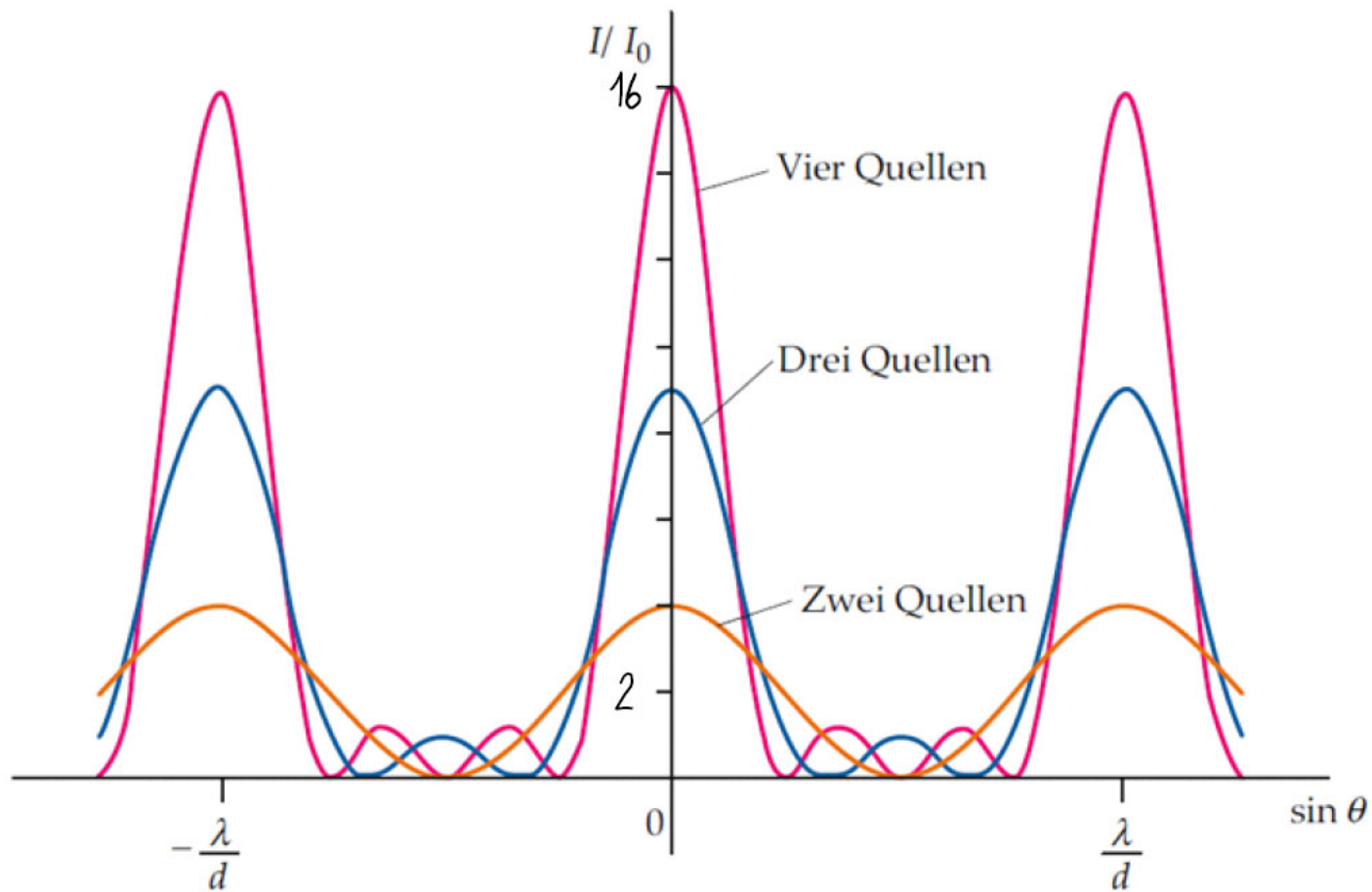
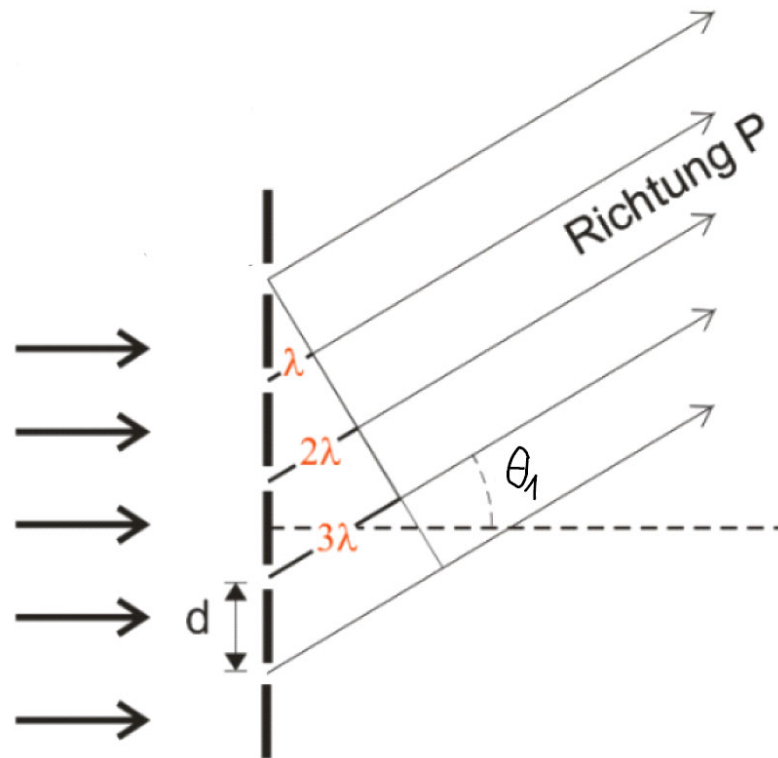


## Beugung am idealen Gitter: Intensitätsverlauf

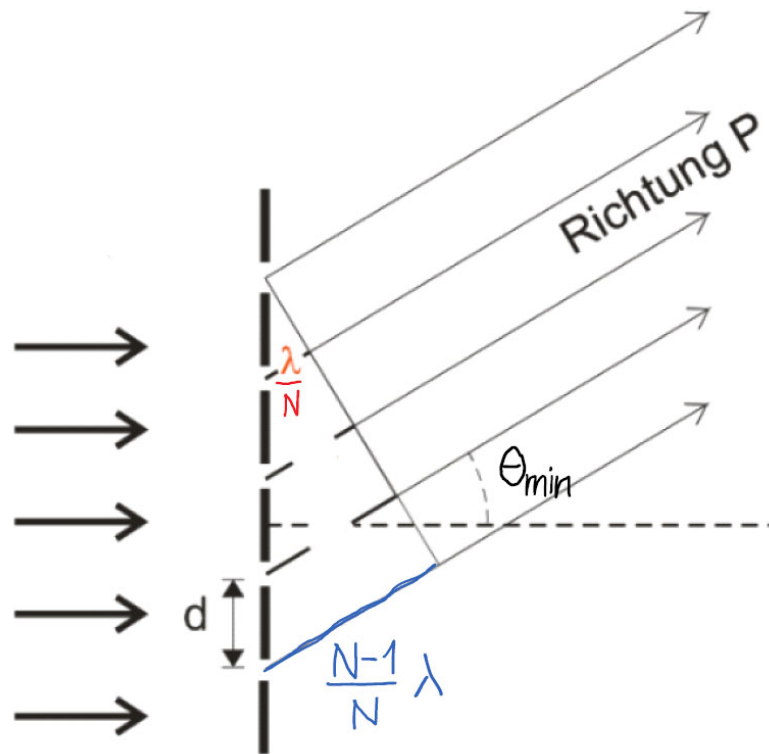


## Beugung am idealen Gitter: Helligkeitshauptmaxima



$$d \cdot \sin(\theta_m) = m \cdot \lambda \quad (m. \text{ Helligkeitshauptmaximum})$$

## Beugung am idealen Gitter: 1. Helligkeitsminimum



$$N \cdot d \cdot \sin(\theta_{\min}) = \lambda \quad (1. \text{ Helligkeitsminimum})$$