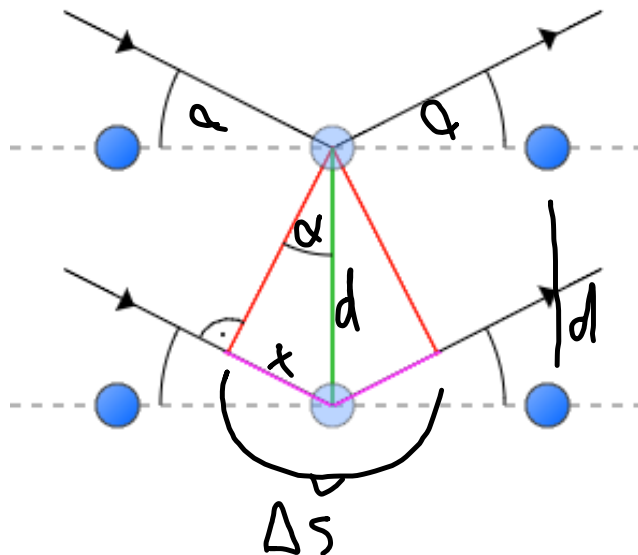


## Herleitung der Bragg-Bedingung



$$n \cdot \lambda = 2d \cdot \sin \alpha$$

$$\Delta s = n \cdot \lambda$$

$$\sin \alpha = \frac{x}{d}$$

$$\Delta s = 2d \cdot \sin \alpha$$