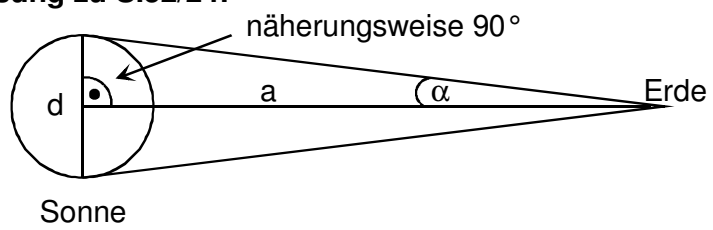


Lösung zu S.52/24:



$$\tan \alpha \approx \frac{\frac{d}{2}}{a} = \frac{d}{2a} \Rightarrow d \approx 2a \cdot \tan \alpha \approx 1,5 \cdot 10^8 \text{ km} \cdot \tan \frac{31^\circ : 2}{60} \approx 1,4 \cdot 10^6 \text{ km}$$