

## Potenzen Aufgabe 80

$$\left[\left(\frac{1}{r^{-2}}\right)^{-3}\right]^{-2} = \left(\frac{1}{r^{-2}}\right)^{-3 \cdot (-2)} = \left(\frac{1}{r^{-2}}\right)^6 = \frac{1}{r^{-2 \cdot 6}} = \frac{1}{r^{-12}} = r^{12}$$