

$$\frac{4 \cdot 10^{-12} + 5 \cdot 10^{-14}}{5 \cdot 10^{-6} + 4 \cdot 10^{-8}} = \frac{10^{-12} \cdot (4 + 5 \cdot 10^{-2})}{10^{-6} \cdot (5 - 4 \cdot 10^{-2})} = \frac{10^6 \cdot (4 + 0.05)}{10^{12} \cdot (5 - 0.04)} = \frac{4.05}{10^6 \cdot 4.06} \approx 10^{-6}$$