

$$1.1 - \sqrt{1.2} = \frac{(1.1 - \sqrt{1.2})(1.1 + \sqrt{1.2})}{1.1 + \sqrt{1.2}} = \frac{(1.1)^2 - 1.2}{1.1 + \sqrt{1.2}} = \frac{0.01}{1.1 + 1.1} = 0.0045 \approx 4.5 \times 10^{-3}$$