1 Propagation of Errors

1.1 1

Known Errors

$$f = 8.1 \tan(x)$$

$$
\begin{aligned}
x &= 21.3° \pm 0.5° \\
&= 21.3° \left(\frac{\pi}{180°} \right) \pm 0.5° \left(\frac{\pi}{180°} \right) \\
&= 0.372 \pm 0.02 \, \text{rad}
\end{aligned}
$$