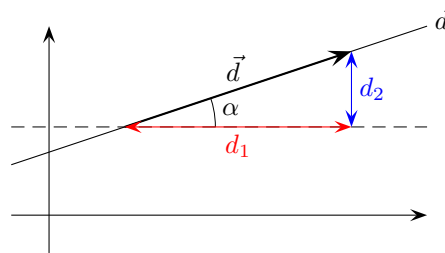


2.10

$$1) \quad m = \frac{d_2}{d_1} = \tan(\alpha)$$



$$\begin{aligned} 2) \quad \tan(\phi) &= \tan(\alpha_2 - \alpha_1) \\ &= \frac{\tan(\alpha_2) - \tan(\alpha_1)}{1 + \tan(\alpha_2) \tan(\alpha_1)} \\ &= \frac{m_2 - m_1}{1 + m_2 m_1} \\ &= \frac{m_2 - m_1}{1 + m_1 m_2} \end{aligned}$$

