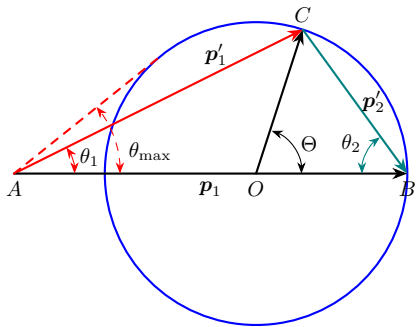


(a) $m_1 < m_2$



(b) $m_1 > m_2$