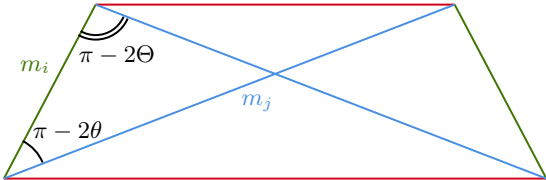


$$\sqrt{m_i^2 + m_j^2 + 2m_i m_j \cos \theta}$$



$$\sqrt{m_i^2 + m_j^2 + 2m_i m_j \cos \Theta}$$