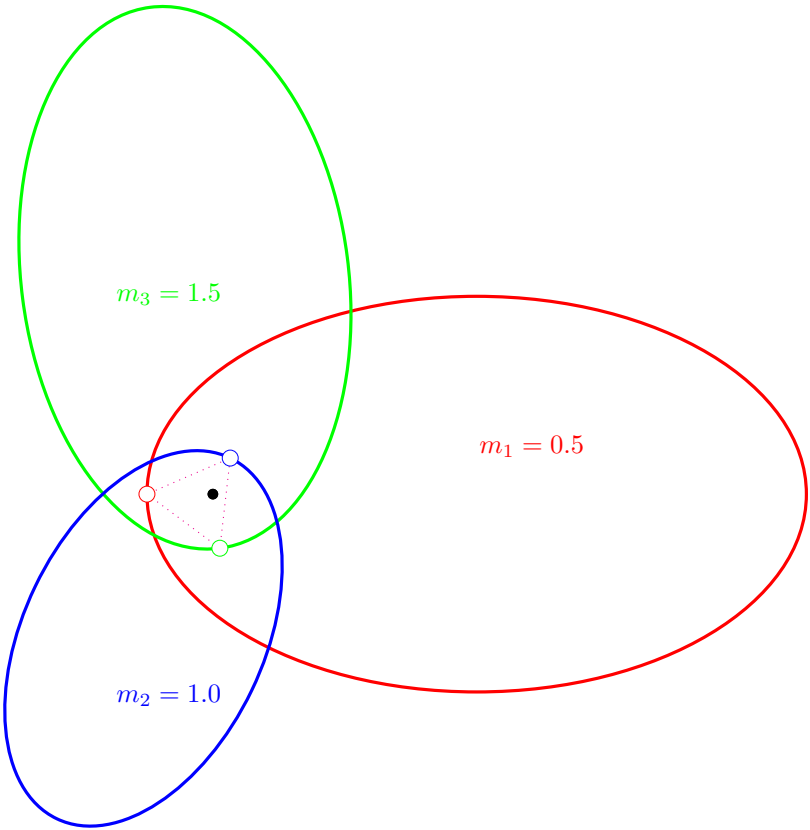
$m_3 = 1.5$
$m_1 = 0.5$
$m_2 = 1.0$