$$z_1$$
 z_2 z_3 ζ
 m_1 m_2 m_3
 $s = z_2 - z_1$ $q = \frac{m_{planet}}{m_{star}}$
 $s1 = z_2 - z_1$ $s2 = z_3 - z_2$
 $q1 = \frac{m_2}{m_1}$ $q2 = \frac{m_3}{m_2}$