8, 
$$m_1$$
 8.  $m_2$  8.  $m_3$  8,  $m_4$  8,  $m_5$  8,  $m_6$  8,  $m_1$  8,  $m_5$  8,  $m_6$  8,  $m_6$  8.  $m_6$  8.  $m_6$  8.  $m_6$  8.  $m_6$  8.  $m_6$  9.  $m_6$  9.

```
Pod staurajy c
\left(m_{1}\left(-\omega^{2}U_{s}^{(1)}\right)=\chi_{1}\left(U_{s}^{2}-U_{s}^{1}\right)-\chi_{2}\left(U_{s}^{n}-U_{s}^{2}\exp(-il\omega)\right)\right)
(m, (- ~2 Vs2) = 82 (V3 exp(ilxa/ - Vs2) - 81 (Vs2 - V11)
     (- w2 m, Us1 = 8, Us2 - 8, Us1 - 82 Us1 + 82 exp(-ika)Us2
      1-w2m2Vs2=81Vs1exp(ilex)-81Vs2-81Vs2+81Vs1
  ([X_1 + X_2 \exp(-il\omega)]V_1^2 + (w^2m_1 - \chi_1 - \chi_2)V_2^4 = 0
  [[ \lambda_1 \exp[ika] + \gamma_1] \busing 1 + (w2m2 - \gamma_1 - \gamma_1 - \gamma_2) \busing 2 = 0
                                                                                                                \begin{cases} y_1 + y_2 exp(-ika) \\ y_3 - y_4 - y_2 \\ y_3 - y_4 - y_4 \end{cases}
 w2 m, -8, - 82
  ( )2 exp(ilea) + 81
       Szulvan talnej w, že uz znovsnoti = 0
      (w2m - 1 - 12) (w2m2 - 1 - 12) - (21 + 82 exp(-1/2a))(82 exp(ilea)+3)=0
  m_1 m_2 \omega^4 + (-\chi_1 - \chi_2) \omega^2 m_2 + (-\chi_1 - \chi_2) m_1 \omega^2 + (-\chi_1 - \chi_2)^2 +
    - ( \ 1 + \ 2 exp(-i/2a))(\(\chi_2\exp(i/2a) + \chi_3) = 0
    m_1 m_2 z^2 + (-\chi_1 - \chi_2)(m_1 + m_1) z + (-\chi_1 - \chi_2)^2 - (\chi_1 + \chi_2 \exp(-ika))(\chi_2 \exp(ika) + \chi_3) = 0
m_1 m_2 = 2^2 + (-\chi_1 - \chi_2)(m_1 + m_2) = + \chi_1^2 + 2\chi_1 \chi_2 + \chi_2^2 - (\chi_1 \chi_2 + \chi_2) + \exp(ika) + \exp(-ika) + \chi_1^2 + \chi_2^2 = 0
 \Delta = b^2 - hac
                                                                       4 = (\chi_1 + \chi_2)^2 (m_1 + m_2)^2 - h m_1 m_1 (2\chi_1 \chi_2 - \chi_1 \chi_2 \cdot 2 \cos(ka))
  z = -b + \sqrt{2}
2a
                                                                        1= (x1+02)2 (m1+m2)2-8m1m28182(1-6)(120))
  2 = \frac{(81+82)(m_1+m_2)}{2} + \frac{1}{(81+82)^2(m_1+m_2)^2} - \frac{8m_1m_2}{8m_1m_2} + \frac{1}{8m_1m_2} + \frac{1}{8m_1m_2
            w=± J2 × odrawany wantośni ujenne
                                                            W = \frac{\left((8_1 + 8_2)(m_1 + m_1) \pm \sqrt{(8_1 + 8_2)^2 (m_1 + m_2)^2 - 8m_1 m_2 8_1 8_2 (1 - \omega_3 | k_0)}\right)}{2 m_1 m_2}
```