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- My A was sin (wit + Par) = - ha A sin (wet + Par) + k [B sin (wet + Par) - A sin (wet + Par)]
 - me B wi sin (wet + Poz) = - boz B sin (wet + Poz) + h [Bsin (wet + Poz) - A sin (wt + Poz)]
odnos si i sz - Para ili protufara [fazori si, d'si leze na istom
           a) \quad A = B = A_1
2 m:
                                                sa(+) = An sin (wat + Pa)
                   WA = Wo = The
                  => u fazi (has repoverani)
             6) A = - B = Az
                  \omega_z = \sqrt{\frac{h_a}{m_a}} + \frac{2h}{m_b} = \sqrt{\omega_o^2 + \frac{2h}{m_b}}
                                                              s, (t) = A, sin ( w.+ + %2)
                                                               Sz (t) = - Az sin ( Wz + + 12-2)
                  => u protufazi, w malo veta nego had su nepovezum
 SI(t) = AI SIN (wit + Pan) + Az SIN (wet + Paz)
 32 (t) = An sin (wat + lon) - Az sin (wet + loz)

⊕ jednahe amplitude ⇒ (An=Ac)

       S_{4}(t) = 2A cas \left(\frac{\omega_{t} + \omega_{z}}{2}t + \frac{\varphi_{ot} - \varphi_{oz}}{2}\right) sin \left(\frac{\omega_{t} + \omega_{z}}{2}t + \frac{\varphi_{ot} + \varphi_{oz}}{2}\right)
      z_{2}(t) = 2A Sin \left(\frac{\omega_{1} - \omega_{2}t}{2} + \frac{\varphi_{01} - \varphi_{02}}{2}\right) \cos \left(\frac{\omega_{1} + \omega_{2}t}{2} + \frac{\varphi_{01} + \varphi_{02}}{2}\right)
     - phehrenaja ditranja fitta
     → amplitude → [0,2A] raisire a vienem frehveneigen la = fo-fe
                    - MOBULIYLANA
 · mije harmonites titronje - [VSARI] | fu = (41-42 = fr-fz] (fu-zfa)
         2A CO] ( ( 2 + 4 + ( 2) )
           2A 54 ( 4 - 102 + + Por - 402) - 2A cos ( 42-602 + 40- Por - II)
   I DP = I ( TA ) - energya & prenese s 1 ose na dragi
 - amp. prolasi broz 0, ces nijenja predenah, a njihalo fazu (za TT)
 - ngihalo ligi prima energija hasni za 🗓 iza njihala ligi daje E

\begin{bmatrix}
t = 0 & : & S_A(0) = A & : & S_Z(0) = 0 \\
\Rightarrow & P_{0A} = P_{0Z} = \frac{\pi}{Z}
\end{bmatrix}
\Rightarrow S_Z = A \left(\cos \omega_1 t + \cos \omega_2 t\right)
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