$V_5 - - .$

$T_6 + V_5 = 0 \Rightarrow T_{6,0} + H(-\sin\alpha_6^*) + V_5 = 0$

$T_{6,0} - \sin\alpha_6^* H + V_5 = 0$ $\qquad tg\alpha_6^* = \frac{1}{8}$

$V_5 = -T_{6,0} + H\sin\alpha_6^*$ $\qquad \sin\alpha_6^* = \frac{1}{\sqrt{65}}$

$V_5^{(A)} = -T_{6,0}^{(A)} = -1 \quad \frac{1}{\sqrt{65}} H^{(A)} = -\frac{8}{3}\cdot\frac{1}{\sqrt{65}}$

$V_5^{(B)} = -T_{6,0}^{(B)} = 1 \quad \frac{1}{\sqrt{65}} H^{(B)} = \frac{-8}{3\sqrt{65}}$

$U_7 = - - -$ $\qquad \Sigma M_{(6),=0}$

$M_{(6)} - U_7 \cdot h_6 = 0$ $\qquad h_6 = 3$

$M_{(6),0} + H\cdot y_{(6)} - U_7 \cdot h_6 = 0$ $\qquad y_{(6)} = -5$

$U_7 = \frac{M_{(6),0}}{h_6} + H\frac{y_{(6)}}{h_6}$

$U_7 = \frac{M_{(6),0}}{3} + \frac{5}{3}H$

$U_7^{(A)} = \frac{M_{(6),0}^{(A)}}{3} = \frac{24}{3} = 8 \quad \frac{5}{3}H^{(A)} = \frac{5}{3}\left(\frac{-8}{3}\right) = -\frac{40}{9}$

$U_7^{(B)} = \frac{M_{(6),0}^{(B)}}{3} = \frac{8}{3} \quad \frac{5}{3}H^{(B)} = \frac{-40}{9}$