$M_{3,0}^{(B)} = X_3 = 8$

$M_{3,0}^{(C)} = X_3' = \frac{16}{3} + 24 = 29{,}3°$

$M_{3,0}$ ima vrednost samo na prepustu.

$u_{4,0}^{(B)} = \frac{\sqrt{65}}{56} \cdot M_{3,0}^{(B)} = \frac{\sqrt{65}}{7}$ (1) $= 1{,}1517511$

$-\frac{7}{36} \cdot \sqrt{65} \cdot H^{(B)} = \frac{-7}{36}\sqrt{65} \cdot 5 = -7{,}83830614$ (2)

$u_{4,0}^{(C)} = \frac{\sqrt{65}}{56} \cdot M_{3,0}^{(C)} = 4{,}22308774$ (2)

$-\frac{7}{36}\sqrt{65}\, H^{(C)} = -\frac{7}{36}\sqrt{65} \cdot \frac{4}{3} = -2{,}09021149$ (1)

$u_{4,0}^{(0)} = \frac{\sqrt{65}}{56} \cdot M_{3,0}^{(0)} - \frac{7\sqrt{65}}{36} H^{(0)}$

$M_{3,0}^{(0)} = -4$

$H^{(0)} = -0{,}21052263$

$\boxed{u_{4,0}^{(0)} = -0{,}24584163}$

$\frac{56-63}{36} = \frac{7}{36}$

$D_4 = \dots\dots$

$\sum M_{(4)}^{D} = 0$

$M_{4,0} - D_4 \cdot h_4 \cdot \cos\gamma_4 - u_4 \cdot h_4 \cdot \cos\beta_4 - H \cdot y_{(4)} = 0$

$D_4 = \frac{1}{\cos\gamma_4}\left(\frac{M_{4,0}}{h_4} - u_4 \cos\beta_4 - H\frac{y_{(4)}}{h_4}\right)$

$= \frac{\sqrt{2}}{1}\left(\frac{M_{4,0}}{4} - \frac{8}{\sqrt{65}} \cdot \frac{\sqrt{65}}{56} M_{3,0} + \frac{8}{\sqrt{65}} \cdot \frac{7\sqrt{65}}{36} H - H \cdot \frac{7}{4}\right)$

$= \sqrt{2}\left(\frac{M_{4,0}}{4} - \frac{M_{3,0}}{7} + H\left(\frac{14}{9} - \frac{7}{4}\right)\right)$

$= \frac{\sqrt{2}}{4} M_{4,0} - \frac{\sqrt{2}}{7} M_{3,0} - \frac{7}{36} H \cdot \sqrt{2}$

$\boxed{D_4 = D_{4,0} + D_{4H} \cdot H}$? N

$\operatorname{tg}\beta_4 = \frac{1}{8}$

$h_4 = 5 - 8 \cdot \frac{1}{8} = 4$

$\operatorname{tg}\gamma_4 = \frac{4}{4} = 1$

$\cos\gamma_4 = \frac{1}{\sqrt{2}}$

$y_{(4)} = 7$

$u_4 = \frac{\sqrt{65}}{56} M_{3,0} - \frac{7\sqrt{65}}{36} H$

$\cos^2\beta_4 = \frac{8}{\sqrt{65}}$

$D_{4,0}^{(B)} = \frac{\sqrt{2}}{4} M_{4,0}^{(B)} - \frac{\sqrt{2}}{7} M_{3,0}^{(B)} = \frac{\sqrt{2}}{4} \cdot 12 - \frac{\sqrt{2}}{7} \cdot 8 = 2{,}16263966$

$\sqrt{2} - \frac{7}{36} H^{(B)} = -\frac{7}{36} \cdot 5 = -1{,}37499298$

$D_{4,0}^{(C)} = \frac{\sqrt{2}}{4} M_{4,0}^{(C)} - \frac{\sqrt{2}}{7} M_{3,0}^{(C)} = \frac{\sqrt{2}}{4}\left(\frac{16}{3} + 8\right) - \frac{\sqrt{2}}{7}\left(12 + \frac{16}{3}\right) = 1{,}212183$

$\sqrt{2} \cdot \frac{-7}{36} H^{(C)} = -\frac{7}{36} \cdot \frac{4}{3} = -0{,}36664736$

$D_{4,0}^{(0)} = \frac{\sqrt{2}}{4} \cdot 4 - \frac{\sqrt{2}}{7} \cdot 4 - \frac{7}{36} \cdot (-0{,}21052263) = 0{,}64702719$