6.63 $F_{AH} = F_{BH} = F_{CH} = 0,875\,\text{kN}$, $F_{BV} = F_{CV} = 1,125\,\text{kN}$, $F_{AV} = 9,875\,\text{kN}$,

$N_B = (F_{BH} - F_{BV}) \cdot 0,707 = -0,177\,\text{kN}$, $Q_B = -(F_{BH} + F_{BV}) \cdot 0,707 = -1,414\,\text{kN}$,

$(M_D)_d = -2,625\,\text{kN·m}$, $(M_D)_L = -10\,\text{kN·m}$,

$(M_D)_g = (M_D)_d + (M_D)_L = -12,625\,\text{kN·m}$, $M_E = -14,375\,\text{kN·m}$,

$M_C = 0$, $M_A = M_B = 0$, $(M_H)_L = -3\,\text{kN·m}$, $(M_H)_D = (M_H)_L + M = 3\,\text{kN·m}$,

$x_m = 0,5625\,\text{m}$, $M_b(x_m) = 0,3164\,\text{kN·m}$.

6.64 $F_{AH} = -F_{BH} = 2\,\text{kN}$, $F_{AV} = -F_{BV} = 1,5\,\text{kN}$, $M_A = M_B = M_C = 0$, $M_E = -6\,\text{kN·m}$,

$M_D = 6\,\text{kN·m}$, $(M_H)_d = -6\,\text{kN·m}$, $(M_H)_g = (M_H)_d + M = 12\,\text{kN·m}$.

6.65 $F_{AH} = -2qr$, $F_{AV} = qr$, $M_A = -\dfrac{3}{2}qr^2$, $N_D = 0$, $N_C = -qr$, $N_E = 0$, $N_B = qr$,

$N_A = -2qr$, $Q_D = 0$, $Q_C = 0$, $Q_C = 0$, $Q_E = qr$, $Q_B = -2qr$, $Q_A = -qr$,

$M_B = \dfrac{3}{2}qr^2$, $M_E = \dfrac{1}{2}qr^2$, $M_C = -\dfrac{1}{2}qr^2$, $M_b(\varphi_1) = qr^2\left(\dfrac{1}{2} - 2\cos\varphi_1 + \sin\varphi_1\right)$,

$M_b(\varphi_2) = qr^2\left(\dfrac{1}{2} + \cos\varphi_2\right)$.

6.66 $F_{AH} = 0,15\,\text{kN}$, $F_{AV} = 0,34\,\text{kN}$, $F_{CH} = 1,05\,\text{kN}$, $F_{BH} = 2,05\,\text{kN}$,

$F_{BV} = 1,39\,\text{kN}$, $F_{CV} = 0,34\,\text{kN}$, $F_A = 0,37\,\text{kN}$, $F_B = 2,48\,\text{kN}$, $F_C = 1,11\,\text{kN}$,

$M_A = M_B = M_C = 0$, $M_E = -1,577\,\text{kN·m}$, $M_D = 0,978\,\text{kN·m}$, $M_H = 1,05\,\text{kN·m}$,

$M_G = -2,088\,\text{kN·m}$, $N(\varphi) = -0,15 \cdot \cos\varphi + 0,34 \cdot \sin\varphi$, kN,

$Q(\varphi) = 0,15 \cdot \sin\varphi + 0,34 \cdot \cos\varphi$, kN,

$M_b(\varphi) = 0,68 \cdot \sin\varphi - 0,298 \cdot \cos\varphi + 0,298$, kN·m.

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6.67 $F_{Ax} = -8\,\text{kN}$, $F_{Ay} = 6\,\text{kN}$, $F_{Az} = -2,5\,\text{kN}$, $M_{Ax} = 100\,\text{kN·cm}$, $M_{Ay} = 250\,\text{kN·cm}$,

$M_{Az} = 600\,\text{kN·cm}$, $M_{x1} = 0$, $M_{Cy1} = -100\,\text{kN·cm}$, $M_{Cz1} = 0$,

$M_{x2} = 0$, $M_{Cy2} = M_{By2} = 0$, $M_{Cz2} = M_{Bz2} = 100\,\text{kN·cm}$, $T_3 = M_{x3} = -100\,\text{kN·cm}$,

$M_{By3} = 0$, $M_{Bz3} = 0$.

6.68 $F_{Ax} = -6\,\text{kN}$, $F_{Ay} = 4\,\text{kN}$, $F_{Az} = -3,5\,\text{kN}$, $M_{Ax} = -20\,\text{kN·cm}$, $M_{Ay} = 437,5\,\text{kN·cm}$,

$M_{Az} = 500\,\text{kN·cm}$. $M_{x1} = 0$, $T_3 = M_{x3} = 20\,\text{kN·cm}$, $M_{By3} = 0$, $M_{Bz3} = 0$,

$M_{Dy1} = -120\,\text{kN·cm}$, $M_{Dz1} = M_{Cz1} = 0$, $M_{Cy1} = -260\,\text{kN·cm}$, $M_{x2} = 0$,

$M_{Cy2} = -260\,\text{kN·cm}$, $M_{By2} = -20\,\text{kN·cm}$, $M_{Cz2} = M_{Bz2} = 0$.

6.69 $F_{Ax} = 20\,\text{kN}$, $F_{Ay} = 4\,\text{kN}$, $F_{Az} = 0$, $M_{Ax} = -140\,\text{kN·cm}$, $M_{Ay} = 280\,\text{kN·cm}$,

$M_{Az} = 300\,\text{kN·cm}$, $M_{x1} = M_{y1} = 0$, $M_{Cz1} = 200\,\text{kN·cm}$, $T_2 = M_{x2} = 200\,\text{kN·cm}$,

$M_{By2} = -280\,\text{kN·cm}$, $M_{Bz2} = -140\,\text{kN·cm}$, $T_3 = M_{x3} = 140\,\text{kN·cm}$,

$M_{y3} = -280\,\text{kN·cm}$, $M_{Bz3} = 200\,\text{kN·cm}$.