

- 8.5 $q = 80 \text{ N/m}$, $a = 21,825 \text{ m}$, $F_H = 2540 \text{ N}$, $F_A = 3082 \text{ N}$, $S_{\max} = F_B = 3396 \text{ N}$,
 $\varphi_A = 34,5^\circ$, $\varphi_B = 41,6^\circ$, $L = 54,964 \text{ m}$.
- 8.6 $F_H = 657 \text{ N}$, $F_A = 817,2 \text{ N}$, $c = 146 \text{ m}$.
- 8.7 $h = 86,2 \text{ m}$, $b = 50,7 \text{ m}$, $F_A = 1720 \text{ N}$, $F_B = 2236 \text{ N}$, $\varphi_A = 54,45^\circ$, $\varphi_B = 63,43^\circ$.
- 8.8 $b = 44,09 \text{ m}$, $F_B = 46,05 \text{ kN}$, $\varphi_B = 38,58^\circ$.
- 8.9 $x = 0,4142 \cdot l = 16,568 \text{ m}$, $F_{H1} = 27450 \text{ N}$, $F_{H2} = 27453 \text{ N}$,
 $F_A = 27452 \text{ N}$, $F_B = 27457 \text{ N}$, $F_C = 800 \text{ N}$.