



$$\sum F_x = 0 : -\mu_s (N_A + N_B) + P = 0$$

$$\sum F_y = 0 : N_A - N_B = 0$$

$$\sum M_A = 0 : -N_B(b) + \mu_s N_B(c) + P(y - \frac{c}{2}) = 0$$

$$\text{Solve to obtain } \underline{y = \frac{b}{2\mu_s}}$$

(Independent of a and c!)

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