



Реакции опор:

$$\sum F_z = 0 = -Z_A \Rightarrow Z_A = 0$$

$$\sum F_y = 0 = Y_A - F \Rightarrow Y_A = F$$

$$\sum M_A = 0 = -M_{RA} - F \cdot l$$

$$M_{RA} = -Fl$$

Резы:

$$\sum F_{y1} = 0 = F - Q_{y1} \Rightarrow Q_{y1} = F$$

$$\sum M_{x1} = 0 = F \cdot l - F \cdot z_1 + M_{x1}$$

$$M_{x1} = F(z_1 - l)$$

$$z_1 = 0: M_{x1} = -Fl$$

$$z_1 = l: M_{x1} = 0$$

$Q_y \neq 0$  — непрерывный участок.