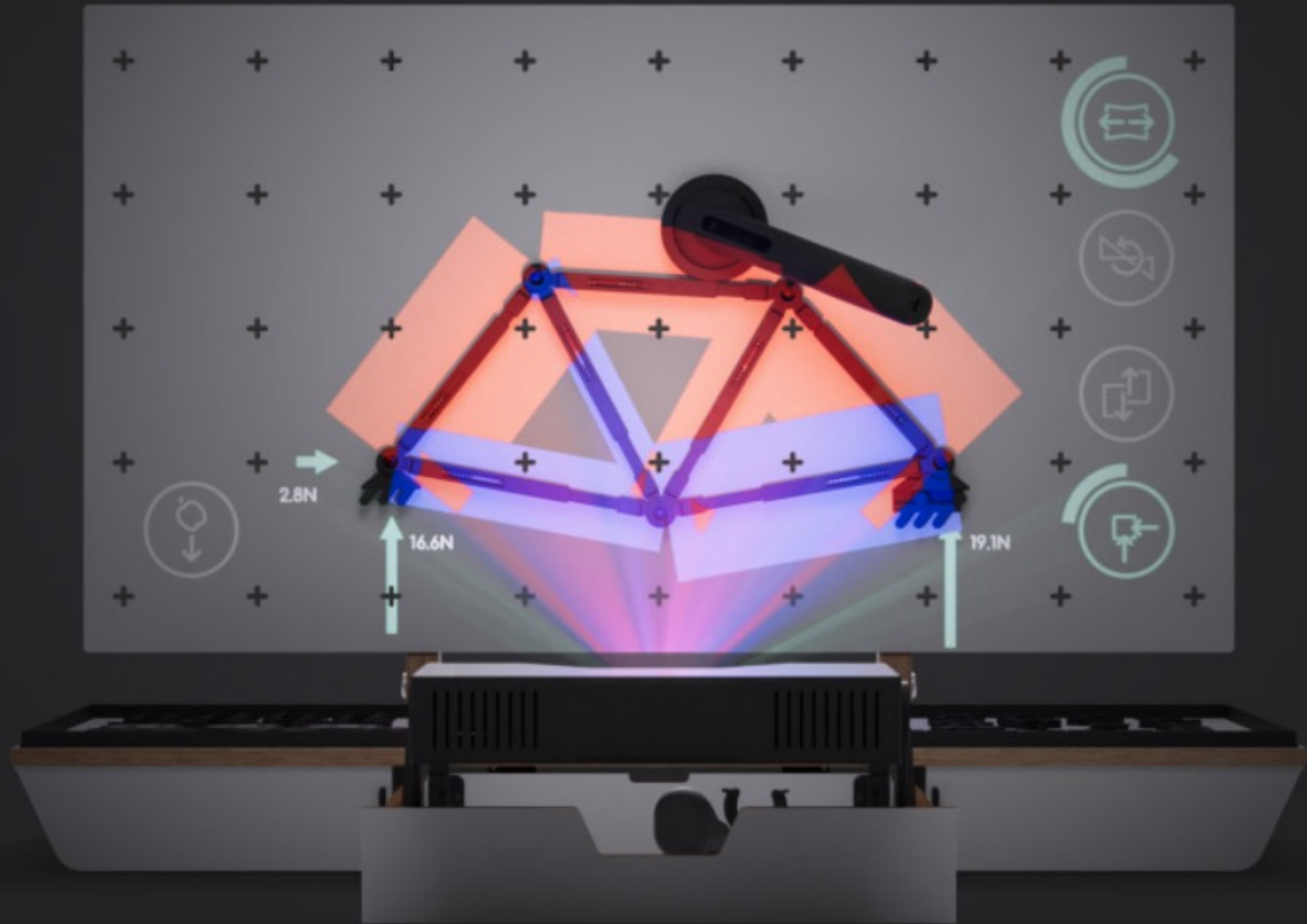
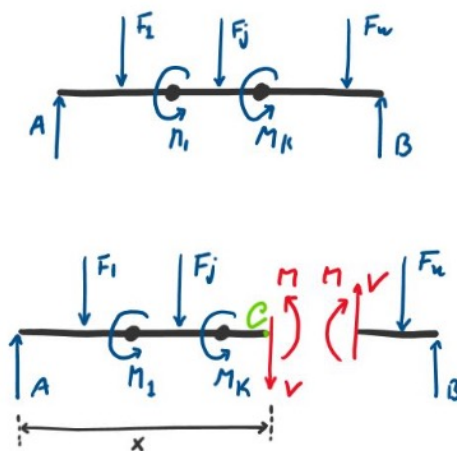
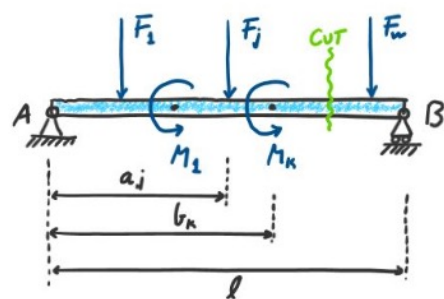


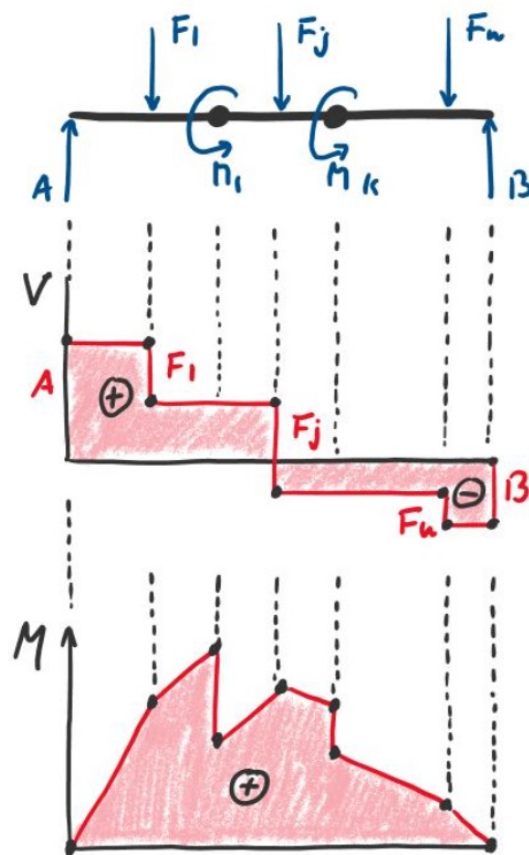


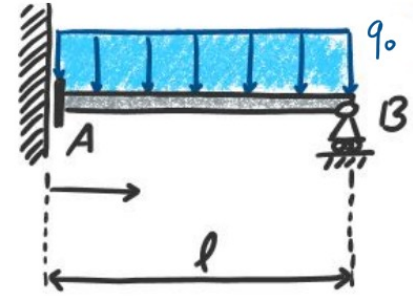
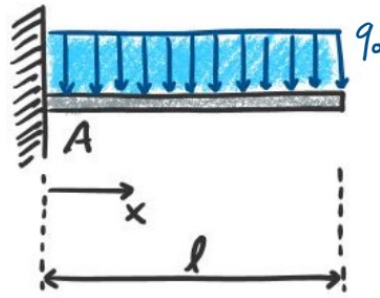
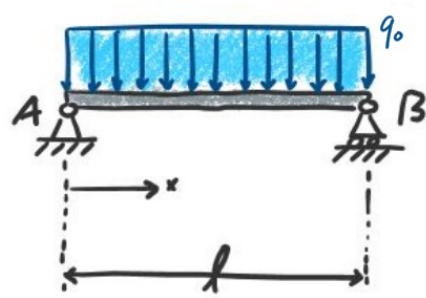


#1



#2





Boundary Conditions	$M(0) = 0$ $M(l) = 0$	$V(l) = 0$ $M(l) = 0$	$V(0) = 0$ $M(l) = 0$
Constants of integration	$C_1 = \frac{1}{2}q_0l$ $C_2 = 0$	$C_1 = q_0l$ $C_2 = -\frac{1}{2}q_0l^2$	$C_1 = 0$ $C_2 = \frac{1}{2}q_0l^2$
Stress Resultants	$V = \frac{1}{2}q_0l \left(1 - 2\frac{x}{l}\right)$ $M = \frac{1}{2}q_0l^2 \frac{x}{l} \left(1 - \frac{x}{l}\right)$	$V = q_0l \left(1 - \frac{x}{l}\right)$ $M = -\frac{1}{2}q_0l^2 \left(1 - \frac{x}{l}\right)^2$	$V = -q_0x$ $M = \frac{1}{2}q_0l^2 \left(1 - \left(\frac{x}{l}\right)^2\right)$
Support Reactions	$A = V(0) = \frac{1}{2}q_0l$ $B = -V(l) = \frac{1}{2}q_0l$	$A = V(0) = q_0l$ $M_A = M(0) = -\frac{1}{2}q_0l^2$	$M_A = M(0) = \frac{1}{2}q_0l^2$ $B = -V(l) = q_0l$

