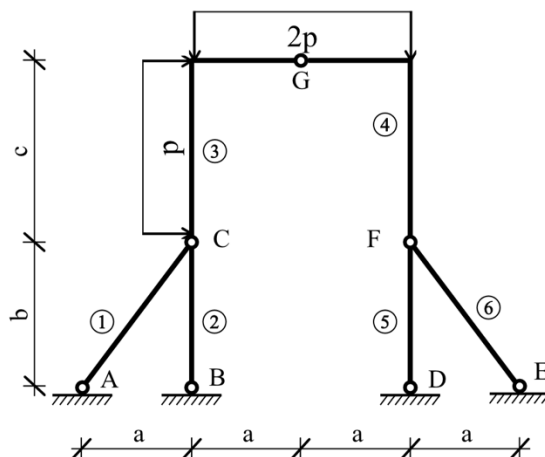


5. Calculate the support and joint reactions! (8 points)



Data	p [kN/m]	a [m]	b [m]	c [m]
Example	10	3	4	5
Individual				

The data marked by grey colour should be given as signed value, for all the other data only the size is questioned. Positive: $\rightarrow \uparrow \curvearrowright$.

Results	A_x [kN]	A_y [kN]	B_x [kN]	B_y [kN]	C_{1x} [kN]	C_{1y} [kN]	C_{2x} [kN]	C_{2y} [kN]
Example	-19,51	-26	0	65,17	19,51	26	0	65,17
Individual								

C_{3x} [kN]	C_{3y} [kN]	D_x [kN]	D_y [kN]	E_x [kN]	E_y [kN]	G_x [kN]	G_y [kN]
19,51	39,17	0	40,17	-30,49	40,65	30,49	20,83