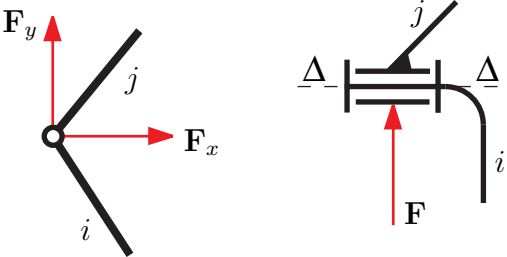
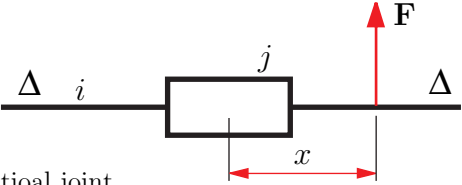


Table 4.1

Type of the kinematic pair	Joint force or moment	Unknowns	Equilibrium condition
 <p>rotational joint</p>	$\mathbf{F}_x + \mathbf{F}_y = \mathbf{F}$ $\mathbf{F} \perp \Delta\Delta$	$ \mathbf{F}_x = F_x$ $ \mathbf{F}_y = F_y$	$\mathbf{M}_\Delta = \mathbf{0}$
 <p>translational joint</p>	$\mathbf{F} \perp \Delta\Delta$	$ \mathbf{F} = F$ x	$\mathbf{F}_\Delta = \mathbf{0}$