

Tabela 2: Viga em balanço: deslocamentos e rotações.

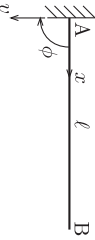
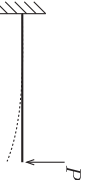




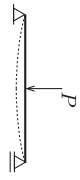
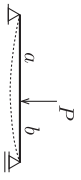
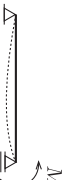
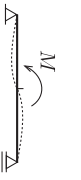
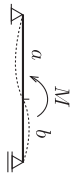
Convenções	Carregamento		ϕ_A	ϕ_B
		$v(\ell) = \frac{P\ell^3}{3EI}$	0	$\frac{P\ell^2}{2EI}$
		$v(\ell) = \frac{p\ell^4}{8EI}$	0	$\frac{p\ell^3}{6EI}$
		$v(\ell) = -\frac{\alpha\Delta t\ell^2}{2h}$	0	$-\frac{\alpha\Delta t\ell}{h}$
				

Tabela 3: Viga biapoiada: deslocamentos e rotações.

Convenções	Carregamento		ϕ_A	ϕ_B
		$v(\frac{\ell}{2}) = \frac{P\ell^3}{48EI}$	$\frac{P\ell^2}{16EI}$	$-\frac{P\ell^2}{16EI}$
		$v(x) = \frac{Pbx(\ell^2 - b^2 - x^2)}{6EI}$ $0 \leq x \leq a$	$\frac{Pab(\ell + b)}{6EI}$	$-\frac{Pab(\ell + a)}{6EI}$
		$v(x) = \frac{Mx(\ell^2 - x^2)}{6EI}$	$\frac{M\ell}{6EI}$	$-\frac{M\ell}{3EI}$
		$\phi(\frac{\ell}{2}) = -\frac{M\ell}{12EI}$	$\frac{M\ell}{24EI}$	$\frac{M\ell}{24EI}$
		$v(x) = \frac{Mx(\ell^2 - 3b^2 - x^2)}{6EI}$ $0 \leq x \leq a$	$\frac{M(\ell^2 - 3b^2)}{6EI}$	$\frac{M(\ell^2 - 3a^2)}{6EI}$