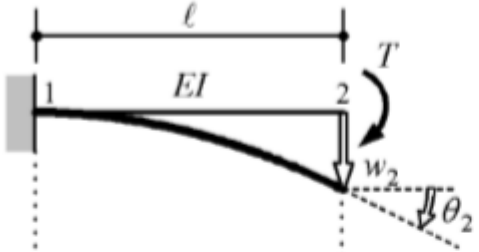
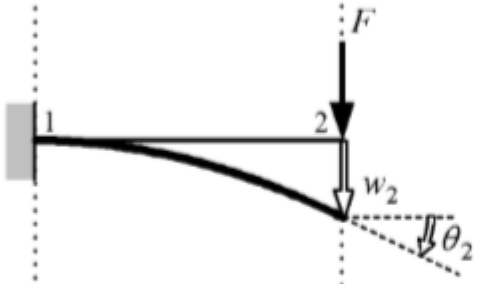
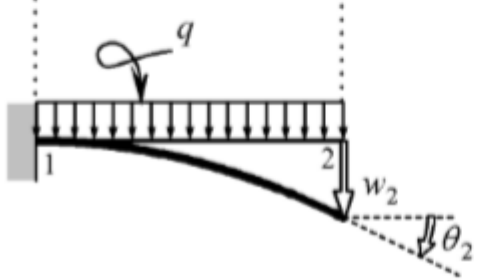
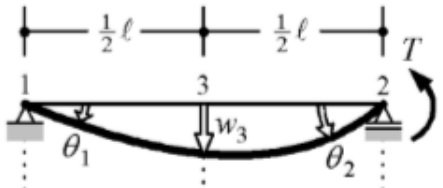
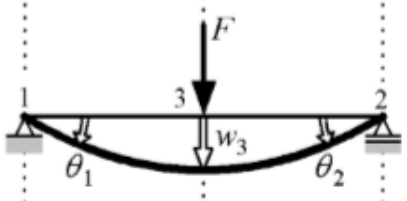
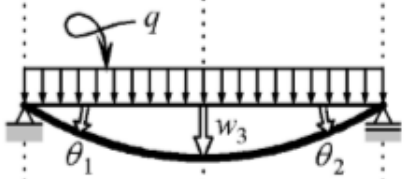
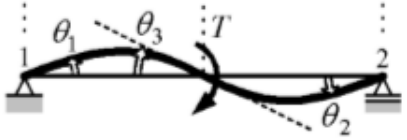
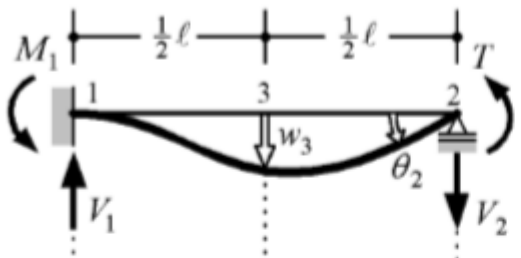
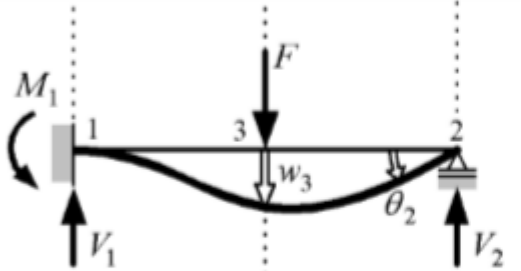
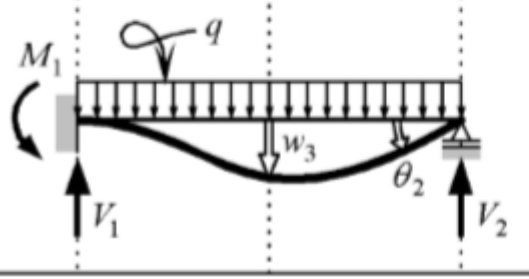
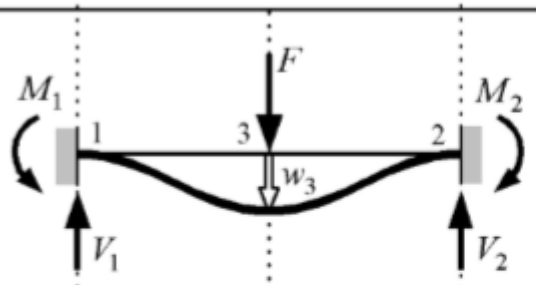
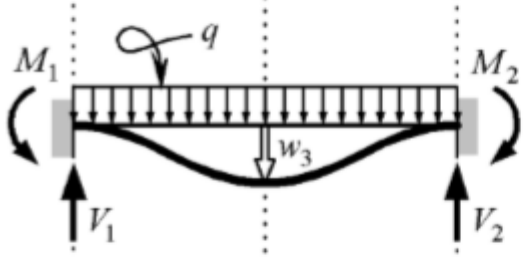
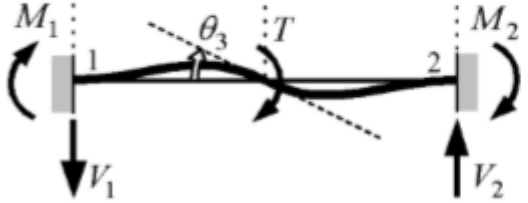
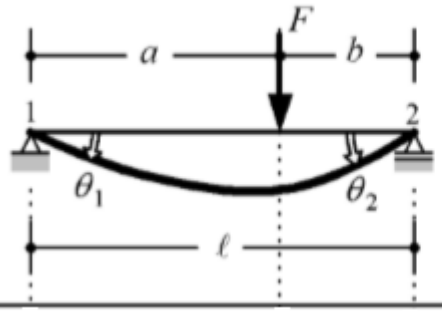
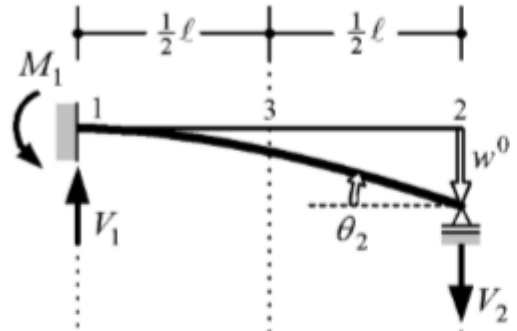
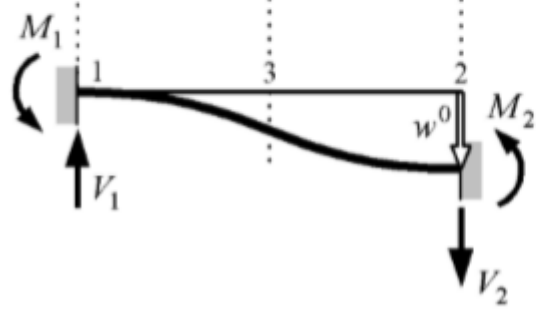
CTB3350 : VERGEET-MIJ-NIETJES

(1)		$\theta_2 = \frac{T\ell}{EI}; \quad w_2 = \frac{T\ell^2}{2EI}$
(2)		$\theta_2 = \frac{F\ell^2}{2EI}; \quad w_2 = \frac{F\ell^3}{3EI}$
(3)		$\theta_2 = \frac{q\ell^3}{6EI}; \quad w_2 = \frac{q\ell^4}{8EI}$

(4)		$\theta_1 = \frac{1}{6}\frac{T\ell}{EI};\quad \theta_2 = \frac{1}{3}\frac{T\ell}{EI};\quad w_3 = \frac{1}{16}\frac{T\ell^2}{EI}$
(5)		$\theta_1 = \theta_2 = \frac{1}{16}\frac{F\ell^2}{EI};\quad w_3 = \frac{1}{48}\frac{F\ell^3}{EI}$
(6)		$\theta_1 = \theta_2 = \frac{1}{24}\frac{q\ell^3}{EI};\quad w_3 = \frac{5}{384}\frac{q\ell^4}{EI}$
(7)		$\theta_1 = \theta_2 = \frac{1}{24}\frac{T\ell}{EI};\quad \theta_3 = \frac{1}{12}\frac{T\ell}{EI};\quad w_3 = 0$

(8)		$\theta_2 = \frac{1}{4}\frac{T\ell}{EI}; \quad w_3 = \frac{1}{32}\frac{T\ell^2}{EI}$ $M_1 = \frac{1}{2}T; \quad V_1 = V_2 = \frac{3}{2}\frac{T}{\ell}$
(9)		$\theta_2 = \frac{1}{32}\frac{F\ell^2}{EI}; \quad w_3 = \frac{7}{768}\frac{F\ell^3}{EI}$ $M_1 = \frac{3}{16}F\ell; \quad V_1 = \frac{11}{16}F; \quad V_2 = \frac{5}{16}F$
(10)		$\theta_2 = \frac{1}{48}\frac{q\ell^3}{EI}; \quad w_3 = \frac{1}{192}\frac{q\ell^4}{EI}$ $M_1 = \frac{1}{8}q\ell^2; \quad V_1 = \frac{5}{8}q\ell; \quad V_2 = \frac{3}{8}q\ell$

(11)		$w_3 = \frac{1}{192}\frac{F\ell^3}{EI}$ $M_1 = M_2 = \frac{1}{8}F\ell; \quad V_1 = V_2 = \frac{1}{2}F$
(12)		$w_3 = \frac{1}{384}\frac{q\ell^4}{EI}$ $M_1 = M_2 = \frac{1}{12}q\ell^2; \quad V_1 = V_2 = \frac{1}{2}q\ell$
(13)		$\theta_3 = \frac{1}{16}\frac{T\ell}{EI}; \quad w_3 = 0$ $M_1 = M_2 = \frac{1}{4}T; \quad V_1 = V_2 = \frac{3}{2}\frac{T}{\ell}$

(a)		$\theta_1 = \frac{Fab(\ell+b)}{6EI\ell} = \frac{F\ell^2}{6EI}\left(2\frac{a}{\ell} - 3\frac{a^2}{\ell^2} + \frac{a^3}{\ell^3}\right)$ $\theta_2 = \frac{Fab(\ell+a)}{6EI\ell} = \frac{F\ell^2}{6EI}\left(\frac{a}{\ell} - \frac{a^3}{\ell^3}\right)$
(d)		$M_1 = \frac{3EI}{\ell^2}w^0; \quad V_1 = V_2 = \frac{3EI}{\ell^3}w^0$ $\theta_2 = \frac{3}{2}\frac{w^0}{\ell}$ $\theta_3 = \frac{9}{8}\frac{w^0}{\ell}; \quad w_3 = \frac{5}{16}w^0$
(e)		$M_1 = M_2 = \frac{6EI}{\ell^2}w^0; \quad V_1 = V_2 = \frac{12EI}{\ell^3}w^0$ $\theta_3 = \frac{3}{2}\frac{w^0}{\ell}; \quad w_3 = \frac{1}{2}w^0$