
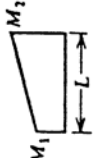
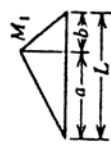
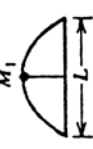
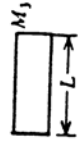




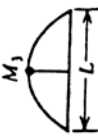



Table A-4
 Product Integrals $\int_0^L M_1 \cdot M_2 \cdot dx$

M_U				
M_L		$\frac{L}{2} (M_1 + M_2) M_3$	$\frac{L}{2} M_1 M_3$	$\frac{2L}{3} M_1 M_3$
		$\frac{L}{6} (M_1 + 2M_2) M_3$	$\frac{L}{6} M_1 M_3$	$\frac{L}{3} M_1 M_3$
		$\frac{L}{6} (2M_1 + M_2) M_3$	$\frac{L}{6} M_1 M_3$	$\frac{L}{3} M_1 M_3$
		$\frac{L}{6} M_1 (2M_3 + M_4) + \frac{L}{6} M_2 (M_3 + 2M_4)$	$\frac{L}{6} M_1 M_3 + \frac{L}{6} M_2 M_3$	$\frac{L}{3} M_1 (M_3 + M_4)$
		$\frac{L}{6} \left(1 + \frac{d}{L}\right) M_1 M_3 + \frac{L}{6} \left(1 + \frac{c}{L}\right) M_2 M_3$	For $c \leq a$: $\frac{L}{3} M_1 M_3 - \frac{L(a-c)^2}{6ad} M_1 M_3$	$\frac{L}{3} \left(1 + \frac{cd}{L^2}\right) M_1 M_3$
		$\frac{L}{3} (M_1 + M_2) M_3$	$\frac{L}{3} M_1 M_3$	$\frac{8L}{15} M_1 M_3$
		$\frac{L}{12} (M_1 + 3M_2) M_3$	$\frac{L}{12} M_1 M_3$	$\frac{L}{5} M_1 M_3$

Note: All curved lines are second degree parabolas with vertices shown by black dots.