

Valor de la integral $\frac{1}{L} \int_0^L M \bar{M} dx$

$\begin{array}{c} \bar{M} \\ M \end{array}$	$\begin{array}{c} \bar{M}_i \quad \bar{M}_d \\ \bar{M}_i = \bar{M}_d \end{array}$	$\begin{array}{c} \bar{M}_i \quad \bar{M}_d \end{array}$	$\begin{array}{c} \bar{M}_i \quad \bar{M}_d \end{array}$
$\begin{array}{c} M_i \quad M_d \\ M_i = M_d \end{array}$	$M_i \bar{M}_i$	$\frac{1}{2} M_i (\bar{M}_i + \bar{M}_d)$	$\frac{1}{2} M_i \bar{M}_i$
$\begin{array}{c} M_i \quad M_d \end{array}$	$\frac{1}{2} (M_i + M_d) \bar{M}_i$	$\frac{1}{6} (2M_i \bar{M}_i + M_i \bar{M}_d + M_d \bar{M}_i + 2M_d \bar{M}_d)$	$\frac{1}{6} (2M_i + M_d) \bar{M}_i$
$\begin{array}{c} M_i \quad M_d \end{array}$	$\frac{1}{2} M_i \bar{M}_i$	$\frac{1}{6} M_i (2\bar{M}_i + \bar{M}_d)$	$\frac{1}{3} M_i \bar{M}_i$
$\begin{array}{c} M_i \quad M_d \end{array}$	$\frac{1}{2} M_d \bar{M}_i$	$\frac{1}{6} M_d (\bar{M}_i + 2\bar{M}_d)$	$\frac{1}{6} M_d \bar{M}_i$
$\begin{array}{c} M_A \quad M_B \\ \alpha L \quad \beta L \end{array}$	$\frac{1}{2} M_A \bar{M}_i$	$\frac{1}{6} M_A [\bar{M}_i (1+\beta) + \bar{M}_d (1+\alpha)]$	$\frac{1}{6} M_A \bar{M}_i (1+\beta)$
$\begin{array}{c} M_i \quad M_d \end{array}$	$\frac{2}{3} M_i \bar{M}_i$	$\frac{1}{12} M_i (5\bar{M}_i + 3\bar{M}_d)$	$\frac{5}{12} M_i \bar{M}_i$
$\begin{array}{c} M_i \quad M_d \end{array}$	$\frac{2}{3} M_d \bar{M}_i$	$\frac{1}{12} M_d (3\bar{M}_i + 5\bar{M}_d)$	$\frac{1}{4} M_d \bar{M}_i$
$\begin{array}{c} M_m \quad M_d \end{array}$	$\frac{2}{3} M_m \bar{M}_i$	$\frac{1}{3} M_m (\bar{M}_i + \bar{M}_d)$	$\frac{1}{3} M_m \bar{M}_i$
$\begin{array}{c} M_i \quad M_d \end{array}$	$\frac{1}{3} M_i \bar{M}_i$	$\frac{1}{12} M_i (3\bar{M}_i + \bar{M}_d)$	$\frac{1}{4} M_i \bar{M}_i$
$\begin{array}{c} M_i \quad M_d \end{array}$	$\frac{1}{3} M_d \bar{M}_i$	$\frac{1}{12} M_d (\bar{M}_i + 3\bar{M}_d)$	$\frac{1}{12} M_d \bar{M}_i$