Journal of Sound and Vibration (1997) **204**(5), 863

ERRATUM

K. H. Low 1997 *Journal of Sound and Vibration* **201,** 528–533. Closed-form formulas for fundamental vibration frequency of beams under off-centre load.

Some parts of this article should read as follows:

page 528,

$$\omega^2 = EI\int\left(\frac{\mathrm{d}^2y}{\mathrm{d}x^2}\right)^2 \mathrm{d}x \Big/ \left[\int y^2\,\mathrm{d}m + My^2|_{x=a}\right], \tag{1}$$

where m is the total mass of the beam without any load, while M is the mass of the load alone;

page 529,

$$y_{W1} = Wb^2x^2/(6l^3EI)\,[3al - x(3a + b)], \qquad \text{for } 0 \le x \le a; \tag{6a}$$

page 531,

(b) for fixed-fixed conditions,

$$y_W\colon K = 192; \quad A_\alpha = 0,\ A = 1; \quad B_\alpha = (16/35)\zeta\alpha(\zeta^3 - 2\zeta^2 - 2\zeta + 3),$$
$$B = -64\zeta^3(\zeta^3 - 3\zeta^2 + 3\zeta - 1);$$

page 532,

the result for the end-loaded clamped-free beam,

$$\omega_W^2 = \frac{3EI}{Ml^3}\frac{1}{(33/140)\alpha + 1},$$

agrees with the familiar form found in the literature.

0022–460X/97/300863 + 01 $25.00/0/sv971118