

**ERRATA AND ADDITIONS FOR "ACTIVE CONTROL OF NOISE AND VIBRATION"**  
**2<sup>nd</sup> Edn. First printing**  
**May 30, 2017**

- p53, Equation (2.3.27), remove  $Q_x(x+\delta x)$  from the middle term
- p69, Equation (2.3.123), replace “ $d$ ” with “ $D$ ”
- p81, Remove “ $=b_{31}$ ” from the LHS of Equation (2.3.205)
- p101, 2 lines above Equation (2.4.36a), change  $k_n(1+j\eta)$  to  $k_n\sqrt{(1+j\eta)}$
- p107, 1 line above Equation (2.4.76), change  $\omega_n(1+j\eta)$  to  $\omega_n\sqrt{(1-j\eta)}$
- p107, Equation (2.4.76), change the + sign in the denominator to a minus sign.
- p113, 13 lines above bottom of page, change “ $k^2 >$ ” to “ $k^2 <$ ”
- p125, Delete item 2
- p128, 3 lines above Equation (2.5.28), change “2” to “ $L$ ”
- p129, two and three lines below Equation (2.5.31), change “Equation (2.5.27)” to “Equation (2.5.30)” in two places
- p134, Remove Equation (2.5.54)
- p134, 2 lines above Equation (2.5.52), remove “, axial”
- p136, Remove Equation (2.5.56)
- p138, Line above Equation (2.5.81), replace “Equation (2.5.71) into Equation (2.5.72)” with “Equation (2.5.79) into Equation (2.5.80)”
- p145, Equation (2.5.105), remove the minus sign that follows the equals sign
- p159, Add a “-“ sign after the second “=” sign in Equation (2.5.160)
- p160, In Equation (2.5.166), remove the “-“ sign immediately after the first “=” sign
- p162, 2 lines under Equation (2.5.140), change “regular” to “rectangular”
- p166, In the line following Equation (2.5.200), change “Equation (2.5.198)” to “Equation (2.5.199)”
- p167, In Equations (2.5.202) and (2.5.203), remove the “-“ sign immediately after the “=” sign
- p168, In Equation (2.5.210), add a “-“ sign immediately after the “=” sign
- p168, In Equation (2.5.213), remove the “-“ sign immediately after the “=” sign
- p167, In Equations (2.5.220) and (2.5.221), remove the “-“ sign immediately after the “=” sign
- p173, In Equation (2.5.227), replace  $z$  with  $2z$
- p173, In the line following Equation (2.5.226), change “Equation (2.5.148)” to “Equation (2.5.159)”
- p177, In Equation (2.5.240), remove the “-“ sign immediately after the “=” sign
- p226, In Equation (4.2.74a), replace  $\bar{x}$  with  $\bar{w}$
- p227, Delete the first sentence in the third paragraph under Section 4.2.3.2.
- p230, Subscripts in the denominator of Equation (4.2.76) should be changed from  $r$  to  $i$
- p251, One and three lines above Figure 4.17, interchange  $K_{jk}^R$  and  $M_{jk}^R$
- p251, Line following Equation (4.4.11), change “extension” to “equation”
- p254, After Equation 4.4.24, add the following:  
Multiplying the far left and far right sides of Equation (4.4.23) by  $\cos(n\pi y/L_y)$ , using modal orthogonality and integrating with respect to  $y$  from  $y = -L_y/2$  to  $L_y/2$ , gives:

$$\frac{2}{L_y} \int_{-L_y/2}^{L_y/2} \bar{w}(x_c, y) \cos \frac{n\pi y}{L_y} dy = a_n$$

p458, Equation (6.8.2a),  $y(k)$  should be  $y_j(k)$