Erratum: Re-expansion method for circular waveguide discontinuities: Application to concentric expansion chambers [J. Acoust. Soc. Am. 131(2), 1158–1171 (2012)]

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The print and online versions of this article contain some author and printer typing errors.

Equation (27) on page 1161 should be

$$\tilde{J}_{\nu+j}(z) = \frac{J_{\nu+j}(z)}{(z/2)^\nu}. \quad (27)$$

In Eqs. (72)–(75) on pages 1167–1168, $\tilde{v}_j^{(\mu)}$ should be substituted by $v_j^{(\mu)}$ and $\tilde{v}_j^{(\mu')}$ should be substituted by $v_j^{(\mu')}$.

Equations (83) and (85) on page 1168 should be written as

$$B_{pj}^{(n)} = -\frac{b'}{c} \frac{\tilde{J}_{\mu+2p}(x_n b/c) \tilde{J}_{\mu'+2j}(x_n b'/c)}{\sinh(\gamma_{c,n} l) \sqrt{x_n^2 - (ck)^2 J_0^2(x_n)}}, \quad (83)$$

$$D_{pj}^{(n)} = -\frac{b'}{d} \frac{\tilde{J}_{\mu'+2p}(x_n b'/d) \tilde{J}_{\mu'+2j}(x_n b'/d)}{\sqrt{x_n^2 - (dk)^2 J_0^2(x_n)}} - \frac{b'}{c} \coth(\gamma_{c,n} l) \frac{\tilde{J}_{\mu'+2p}(x_n b'/c) \tilde{J}_{\mu'+2j}(x_n b'/c)}{\sqrt{x_n^2 - (ck)^2 J_0^2(x_n)}}. \quad (85)$$

Equation (86) on page 1168 should be

$$w_j = i\rho\omega b v_j^{(\mu)}, \quad w'_j = i\rho\omega b' v_j^{(\mu')}. \quad (86)$$