## Errata

## Stress-Based Elastodynamic Discrete Laminated Plate Theory

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**D** URING production of this paper, a number of errors were introduced in the equations. We regret these errors.

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Equation (4) should read  $\varepsilon_{\alpha 3}=\varepsilon_{3 \alpha}=2S_{\alpha 3 \beta 3}\sigma_{\beta 3}$ . In Eq. (17), the last term on the right-hand side of the equation should be

$$\frac{\rho h}{2}\ddot{\tilde{u}}_{\alpha}$$

In Eq. (18), the last term on the right-hand side of the equation should be

$$\frac{\rho h}{2}\ddot{\tilde{u}}_3$$

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In Eq. (20), the term on the left-hand side of the equation should be

$$\frac{h}{2}\ddot{\tilde{u}}_1$$

In Eq. (21), the term on the left-hand side of the equation should be

$$\frac{h}{2}\ddot{\tilde{u}}_2$$

In Eq. (22), the term on the left-hand side of the equation should be

$$\frac{h}{2}\ddot{\tilde{u}}_3$$

In Eq. (30), the second term on the right-hand side of the equation should read

$$\int_{-h/2}^{x_3} \sigma_{\alpha\beta,\beta} \, d\eta_3$$

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Equation (34) has about six errors in it, including some terms omitted. The entire Eq. (34) should read

$$\sigma_{33} = \frac{1}{2} \left( \sigma_{33}^{+} + \sigma_{33}^{-} \right) - \left[ \left( \sigma_{\alpha 3, \alpha}^{+} - \sigma_{\alpha 3, \alpha}^{-} \right) \left( \frac{x_{3}^{2}}{2h} - \frac{h}{8} \right) \right]$$

+ 
$$\left(\sigma_{\alpha 3, \alpha}^{+} + \sigma_{\alpha 3, \alpha}^{-}\right) \left(\frac{x_{3}^{3}}{h^{2}} - \frac{x_{3}}{4}\right) - \frac{3}{2}\left(\sigma_{33}^{+} - \sigma_{33}^{-}\right) \left(\frac{x_{3}}{h} - \frac{4x_{3}^{3}}{3h^{3}}\right)$$

$$+ \frac{\rho}{2} \left[ \ddot{\ddot{u}}_{\alpha,\alpha} \left( \frac{x_3^2}{2} + \frac{hx_3}{2} + \frac{h^2}{8} \right) + \ddot{\ddot{u}}_{\alpha,\alpha} \left( \frac{x_3^3}{h} - \frac{3hx_3}{4} - \frac{h^2}{4} \right) \right]$$

$$+ \ddot{\tilde{u}}_3 \left( \frac{2x_3^3}{h^2} - \frac{3x_3}{2} - \frac{h}{2} \right) - \rho \int_{-h/2}^{x_3} \int_{-h/2}^{\eta_3} \ddot{u}_{\alpha,\alpha} \, d\zeta_3 \, d\eta_3$$

$$+ \rho \int_{-h/2}^{x_3} \ddot{u}_3 \, d\eta_3 - f_3 \left( \frac{2x_3^3}{h^2} - \frac{x_3}{2} \right)$$
 (34)

In Eq. (37), on the third line of the equation as it appears in the paper, the term

$$\left(\frac{4x_3^3}{h^3} - x_3\right) \quad \text{should read} \quad \left(\frac{4x_3^3}{h^2} - x_3\right)$$

In Eq. (38), on the third line of the equation as it appears in the paper, the term

$$\left(\frac{4x_3^3}{h^3} - x_3\right) \quad \text{should read} \quad \left(\frac{4x_3^3}{h^2} - x_3\right)$$

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In Eq. (38), the last line as it appears in the paper should read

$$\rho \int_{-b/2}^{x_3} \ddot{u}_2(x_1, -b, x_3, t) d\eta_3$$

Equation (44) has an extraneous 'm' in the equation. It should read

$$\bar{\phi}_{\rho}^{(k)} \equiv \frac{3}{h_{l}} \bar{u}_{\rho}^{(k)}$$

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Entry (9, 9) of the  $[A]^{(k)}$  on page 621 should read

$$-\frac{12}{h_k^3}t^*S_{3333}^k$$

In. Eq. (52), the second term on the second line has a term omitted. It should read  $\left[\overline{\Lambda}\right]^{(k+1)} \left\{\sigma\right\}^{-1}$ .

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The expression for  $\Xi_{21}^{(k)}$  in the appendix should be written as

$$\Xi_{21}^{(k)} = -\frac{1}{1400} t^* \left[ h_k^2 S_{3333}^{(k)} - h_{k+1}^2 S_{3333}^{(k+1)} \right] \frac{\partial}{\partial \gamma}$$