



Corrigendum

Corrigendum to “Large amplitude motion mechanism and non-planar vibration character of stay cables subject to the support motions [J. Sound Vib. 327 (2009) 121–133]”

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The above paper has the following errors:

1. Page 123, Eq. (7):

$$\ddot{v} + c_v \dot{v} - \frac{\alpha}{\pi^2} (y'' + v'') \left\{ z_0 \sin \theta \sin \Omega t + \int_0^1 \left(y' v' + \frac{v'^2 + w'^2}{2} \right) dx \right\} = 0$$

should be written as

$$\ddot{v} + c_v \dot{v} - \frac{v''}{\pi^2} - \frac{\alpha}{\pi^2} (y'' + v'') \left\{ z_0 \sin \theta \sin \Omega t + \int_0^1 \left(y' v' + \frac{v'^2 + w'^2}{2} \right) dx \right\} = 0.$$

2. Page 123, Eq. (8):

$$\ddot{w} + c_w \dot{w} - \frac{\alpha}{\pi^2} w'' \left\{ z_0 \sin \theta \sin \Omega t + \int_0^1 \left(y' v' + \frac{v'^2 + w'^2}{2} \right) dx \right\} = 0$$

should be written as

$$\ddot{w} + c_w \dot{w} - \frac{w''}{\pi^2} - \frac{\alpha}{\pi^2} (y'' + v'') \left\{ z_0 \sin \theta \sin \Omega t + \int_0^1 \left(y' v' + \frac{v'^2 + w'^2}{2} \right) dx \right\} = 0.$$

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