



Errata: “Natural Frequencies of Plate Supported Thermowells”
[ASME J. Pressure Vessel Technol., 137(2), p. 024502;
DOI: [10.1115/1.4028703](https://doi.org/10.1115/1.4028703)]

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Correcting an error in the Timoshenko beam equations shown.

The Timoshenko beam equations for transverse loads should read as

$$\begin{aligned} \rho A \frac{\partial^2 y}{\partial t^2} - k G A \left(\frac{\partial^2 y}{\partial z^2} - \frac{\partial \varphi}{\partial z} \right) &= f(z, t) \\ \rho I \frac{\partial^2 \varphi}{\partial t^2} - E I \frac{\partial^2 \varphi}{\partial z^2} - k G A \left(\frac{\partial y}{\partial z} - \varphi \right) &= 0 \end{aligned} \quad (11)$$