

Errata

Modeling the Shapes of Constrained Partially Inflated High Altitude Balloons

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THE thickness parameter t was omitted in Eqs. (31) and (37) of the original paper; the correct expressions are as follows:

$$W_f(T_l) = \frac{tE}{2(1-\nu^2)}(\delta_{1,l}^2 + \delta_{2,l}^2 + 2\nu\delta_{1,l}\delta_{2,l}) \quad (31)$$

$$W_f^*(T_l) = \left\{ \begin{array}{lll} 0 : \delta_{1,l} < 0 & \text{and} & \delta_{2,l} < 0 \\ \frac{1}{2}tE\delta_{2,l}^2 : \mu_{1,l} \leq 0 & \text{and} & \delta_{2,l} \geq 0 \\ \frac{1}{2}tE\delta_{1,l}^2 : \mu_{2,l} \leq 0 & \text{and} & \delta_{1,l} \geq 0 \\ \frac{tE}{2(1-\nu^2)}(\delta_{1,l}^2 + \delta_{2,l}^2 + 2\nu\delta_{1,l}\delta_{2,l}) : \delta_{1,l} \geq 0 & \text{and} & \delta_{2,l} \geq 0 \end{array} \right. \quad (37)$$

The correct expressions were used to compute the numerical results presented in the original paper, however, and the results and conclusions of the original paper are unchanged.