CORRECTION

Correction to: Numerical evaluation of entropy generation in isolated airfoils and Wells turbines

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In the original publication of the article, Eqs. (26)–(28) are incorrect due to a missing ρ symbol, inadvertently omitted when reporting the equations in the article. It should be noted that these equations are derived from Eqs. (10) and (11) in the paper, and lead to Eqs. (29)–(32), which have been correctly reported. As such, the omission does not affect the final derivation and the numerical results. In any case, for the sake of correctness and completeness, Eqs. (26)–(28) should read as follow:

$$\begin{aligned}\overline{T(\sigma_T + \sigma_V)} &= \overline{T} \overline{\sigma_T} + \overline{T' \sigma'_T} + \overline{T} \overline{\sigma_V} + \overline{T' \sigma'_V} \\ &= \frac{1}{\rho} \left(\lambda \overline{\frac{1}{T} \nabla T \cdot \nabla T} + \overline{\Pi \cdot \nabla \mathbf{u}} \right) \\ &= \frac{1}{\rho} \left(\lambda \overline{\nabla(\ln T)} \cdot \nabla \overline{T} + \lambda \overline{\nabla(\ln T')} \cdot \nabla \overline{T'} \right. \\ &\quad \left. + \overline{\Pi \cdot \nabla \mathbf{u}} + \overline{\Pi' \cdot \nabla \mathbf{u}'} \right)\end{aligned}\quad (26)$$

$$\overline{T \sigma_T} = \frac{1}{\rho} \left(\frac{\lambda}{T} \nabla T \cdot \nabla T + \frac{\lambda}{T} \overline{\nabla T' \cdot \nabla T'} \right) \quad (27)$$

$$\overline{T \sigma_V} = \frac{1}{\rho} \left(\overline{\Pi \cdot \nabla \mathbf{u}} + \overline{\Pi' \cdot \nabla \mathbf{u}'} \right) \quad (28)$$

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