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Multi-Platform App-Embedded Model for Hybrid Air-Breathing Rocket Cycle Engine in Hypersonic Atmospheric Ascent – CORRIGENDUM

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In the original article, there is the same typo in the last equation in the set of Eq. (2) and (3) respectively. The authors and the publishers would like to apologise for this error. The correct equations are shown below.

$$T_{obl} = T_1 \cdot \left[\frac{(2 + (\gamma - 1) \cdot M_{n1}{}^2)}{(\gamma + 1) \cdot M_{n1}{}^2} \right] \cdot \left[1 + \frac{2 \cdot \gamma}{\gamma + 1} \cdot (M_{n1}{}^2 - 1) \right] \qquad \rightarrow \text{last equation of Eq. (2)}$$

$$T_2 = T_{obl} \cdot \left[\frac{(2 + (\gamma - 1) \cdot M_{obl}{}^2)}{(\gamma + 1) \cdot M_{obl}{}^2} \right] \cdot \left[1 + \frac{2 \cdot \gamma}{\gamma + 1} \cdot (M_{obl}{}^2 - 1) \right] \qquad \rightarrow \text{last equation of Eq. (3)}$$

Reference

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