

Errata: "Optimum Geometric Factors for Semicircular Fins in Radiation- Cooled Nozzles"

The erroneous and corrected equations are given below

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EQUATION (20) of the original paper contains an obvious misprint

Erroneous Equation

$$-(X_F - X_B)(Y_F - Y_B) \pm M_4 = \frac{r_{cx}[(Y_F - Y_B)^2 + (X_F - X_B)^2 - r_{cx}^2]^{1/2}}{r_x^2 - (X_F - X_B)^2} \quad (20)$$

Corrected Equation

$$M_4 = \frac{-(X_F - X_B)(Y_F - Y_B) \pm r_{cx}[(Y_F - Y_B)^2 + (X_F - X_B)^2 - r_{cx}^2]^{1/2}}{r_x^2 - (X_F - X_B)^2} \quad (20)$$

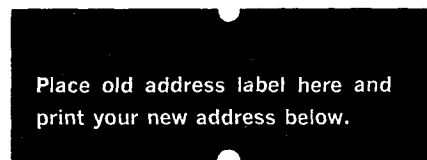
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