

# Errata

## Mach Stem Height and Growth Rate Predictions

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1. Equation 14 should read

$$\begin{pmatrix} A_r & a_{14} & a_{15} \\ a_{23} & a_{24} & a_{25} \\ 1 & a_{54} & a_{55} \end{pmatrix} \begin{pmatrix} s_*^+ \\ \overline{EF}^+ \\ \overline{FH}^+ \end{pmatrix} = \begin{pmatrix} g^+ + \sin \theta_1 \\ \frac{g^+ + \sin \theta_1}{\gamma M_\infty^2} + g^+ + \sin \theta_1 - P_1^+ \sin \theta_1 \\ g^+ \end{pmatrix}.$$

2. Equation 71 should read

$$M_2^2 = \frac{(\gamma - 1) M_1^2 \sin^2(\phi + \theta_1) + 2}{\sin^2(\phi + \delta) (2\gamma M_1^2 \sin^2(\phi + \theta_1) - (\gamma - 1))}.$$