

Lindemann equation.³¹ Another point to be made is that the series solution used here is valid in the range $\rho_0 Ma < 1$ as determined from the convergence criterion. This criterion states that the series converges if the ratio of the absolute values of successive terms

$$\frac{|A_{i+1} a^{i+1}|}{|A_i a^i|}$$

is smaller than unity for large i . Lastly, it should be mentioned that this development was a joint effort by John Skalyo, Jr. and the author.