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An approximate analytic solution of the Blasius problem

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Abstract

The [4/3] Pade approximant for the derivative is modified so that the resulting expression has the required asymptotic behavior. This gives an analytical result which represents the solution of the classical Blasius problem on the whole domain. © 2008 Elsevier B.V. All rights reserved.

Author Keywords

Analytical solution; Blasius problem; Pade approximation; Viscous flow

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