

Corrigendum

Some recent developments in the theory of boundary layer instability

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Recent work by Sen and Thomas (1993, being sent to *J. Fluid Mech.*) shows that the contention $\int_0^\infty \theta [N\phi_0] dy \simeq 0$, is incorrect. In fact, by use of (45), the correction α_1 retrieves the eigenvalue for the modified OS-equation (41).

The error in the earlier works is most probably due to the following reason. At different stations in X , the basic Orr–Sommerfeld equation has different length scales due to change in δ with X . This feature has to be taken proper cognisance of while numerically evaluating the term corresponding to $\partial\phi/\partial x$. The matter is being investigated further.