عنوان مقاله:

Numerical solution of external flow over a surface and evaluation the momentum and energy equations

محل انتشار:

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خلاصه مقاله:

In external flow over a surface in which the fluid is infinite in extent, thermal interaction is fully characterized once fluid temperature distribution is determined. Temperature distribution depends on velocity distribution. For the special case of constant properties, velocity distribution is independent of temperature. In this article solution to the velocity distribution will be determined first and used to obtain the corresponding temperature solution. At the end the results .will be expressed in tables

کلمات کلیدی:

Blasius, Pohlhausen, Velocity Distribution, Temperature Distribution