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Comparison of three methods of calculating the flow of a viscous gas over plates. (English. Russian original) [Zbl 0659.76082](#)

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The problem of viscous gas flow over plates is solved numerically. The Navier-Stokes equations are used to describe the flow. Calculations are made using three different methods. The results of the calculations, their comparison and analysis are presented.

MSC:

[76N15](#) Gas dynamics, general

[76H05](#) Transonic flows

Keywords:

viscous gas flow over plates; Navier-Stokes equations

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