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M. Najafi* (drmnajafi@hotmail.com), **M. Taeibi-Rahni** (taeibi@sharif.edu) and **A. Hassanpour**. *Adomian Decomposition to Solve Navier-Stokes Equations*. Preliminary report.

The Adomian decomposition method can be an effective procedure for analytical solution of the Navier-Stokes equations. To this end, the method was investigated due to different boundary and initial conditions. (Received September 27, 2005)