On Some Exact Solutions of Navier-Stokes Equations in the Infinite Areas

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2D and 3D unsteady nonlinear Navier-Stokes equations (NSE) are considered in the infinite areas. 2D NSE is studied in the stripe and in the plane cut along the rectangle. 3D NSE is studied in the space cut along the prism. The exact smooth and non-smooth solutions are obtained for the specific pressure.