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Buddhika Priyasad*, Department of Mathematical Sciences, The University of Memphis, Memphis, TN 38152, and **Irena Lasiecka** and **Roberto Triggiani**. *Local uniform boundary stabilization of the 3D Navier-Stokes equations by finite dimensional localized tangential feedback controls.*

Present literature contains the solution of the uniform boundary stabilization, near an equilibrium solution, of the Navier-Stokes equations by means of localized tangential feedback controls. However, whether such controls can be taken to be finite dimensional in the 3D case was an open problem. We present a solution to this problem. (Received September 21, 2018)