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Abstracts of Short Communications and Posters

**Section:**

## 10. Partial Differential Equations

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Morimoto, Hiroko, Meiji University, Japan

**On the Existence of Steady Navier-Stokes Flow in 2D Tube-like Domain under General Outflow Condition**

Abstract: We discuss about the existence of steady Navier-Stokes flow in 2 dimensional tube containing some obstacles, symmetric with respect to the axis. We don't suppose the flux vanishes on the boundary but suppose only general outflow condition. Assymptotic behaviour of the solution is also discussed.