

## **On the solution set of a hemivariational inequality governed by the Navier-Stokes operator**

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In this talk, we study the Hölder calmness of the solution mapping of a nonstationary hemivariational inequality governed by the Navier-Stokes operator. Navier-Stokes problems model the motion of a viscous incompressible fluid. The study of Navier-Stokes problems modeled by hemivariational inequalities was initiated by Migorski-Ochal (2005), Migorski-Ochal (2007), with existence results in both stationary and evolution cases.