

## abstract-kloviene

### Abstract:

In this talk I am analyzing the Navier-Stokes problem in an infinite periodic, with respect to  $x_n$ , channel or pipe with prescribed flux condition. First I will show the methodology solving "linearized" Navier-Stokes problem. Next I will talk about periodic by the axis and time "linearized" problem and the last part of my talk will be from the newest part of my works in this topic - finding Leray-Hopf solutions for real Navier-Stokes problem in the periodic domain.