

# Remarks on the energy equality for weak solutions to Navier–Stokes equations

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## Abstract

In this talk we consider weak solutions to the 3D Navier-Stokes equations in a smooth domain  $\Omega$  with Dirichlet conditions and we look for solutions ensuring the energy equality. We prove some new conditions for energy conservation which are also linked with Onsager conjecture.

**Keywords:** Navier–Stokes, energy conservation.

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