The Role of Pressure in the Theory of Weak Solutions of the Navier-Stokes Equations

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Lecture 1:

A pressure associated with a weak solution to the Navier-Stokes equations

TBA

Lecture 2:

An interior regularity of pressure under Serrin's or analogous conditions and relation to considered boundary conditions

TBA

Lecture 3:

An influence of pressure on the regularity of a weak solution

Regularity criteria in terms of pressure.