

Fariz B. IMRANOV

ON COMPACTNESS OF GALERKIN
APPROXIMATIONS FOR THE SOLUTIONS OF
NAVIER-STOCKS EQUATIONS OF
INHOMOGENEOUS VISCOUS INCOMPRESSIBLE
FLUID WITH INHOMOGENEOUS BOUNDARY
CONDITIONS

Abstract

At present the problems of construction of numerical simulation technologies in hydrodynamics are urgent problems in the field of computing sciences whose theoretical ground and efficiency estimation stimulate to study the known and to search new computing methods and their realization ways.