Fariz B. IMRANOV

ON THE EXISTENCE OF SOLUTION OF DIFFERENCE SCHEME FOR A STATIONARY PROBLEM OF INCOMPRESSIBLE LIQUID WITH NON-ZERO BOUNDARY CONDITIONS

Abstract

In the paper the existence conditions of difference scheme are investigated for stationary problem for Navier Stoks equations of incompressible fluid with zero boundary conditions. The net function accepting boundary condition is constructed for realizing passage to the limit in boundary strip. The difference scheme in constructed and the theorem on the existence of solution of this scheme is proved.