Abstract

In the paper the questions on stabilization of solutions of the first mixed problem for nonlinear divergent parabolic equations with the lowest coefficients are considered. Conditions that connect the coefficients of equation with the geometry of the domain, providing the estimation of solutions are found. In this paper we indicated the class of domains, for which the estimation dependent on the geometry of domain is established. The upper estimation of the solutions is obtained. The Cauchy problem is also considered.