

Nizami Yu. ABBASOV

ON BEHAVIOUR NEAR THE BOUNDARY OF
SOLUTIONS OF THE SECOND ORDER
NON-UNIFORMLY DEGENERATE PARABOLIC
EQUATIONS

Abstract

In the paper a class of the second order parabolic equations of non-divergence structure, allowing the non-uniform power degeneration at boundary point of domain is considered. The sufficient regularity condition of this point with respect to the first boundary value problem for the mentioned equations is found.