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NEW PROOF OF GAROFALO-LANCONELLI
REGULARITY CRITERION FOR THE SECOND
ORDER PARABOLIC EQUATIONS OF DIVERGENT
STRUCTURE I

Abstract

In the paper the first boundary value problem for divergent parabolic equations of the second order is considered. Simple proof of regularity criterion of boundary point of Wiener type established by Garofalo and Lanconelli is given for domains whose boundaries have a special symmetry in some neighbourhood of this point.