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INVESTIGATIONS OF CLASSICAL SOLUTION IM
KLEINEN OF INVERSE BOUNDARY-VALUE
PROBLEM FOR SEMILINEAR HYPERBOLIC
EQUATIONS OF THE SECOND ORDER

Abstract

In the paper a theorem on the existence im kleinen of classical solution of one- dimensional boundary- value problem for the semilinear second order differential equations of hyperbolic type was proved by means of Fourier method and contracted mappings principle on a fixed point.