

ELLIPTIC PROBLEM WITH CONDITION OF NEUMANN ON THE BOUNDARY

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Abstract

In this paper we show a result of symmetry for a big class of problems with condition of Neumann on the boundary in the case one dimensional. We use the method of reaction of Alexandrov and we show one application of this method and the maximum principle for elliptic operators in problems with conditions of Neumann. Some results of symmetry for elliptic problems with condition of Neumann on the boundary may be extended to elliptic operators more general than the second derivative.

Key Words : *Nonlinear boundary value problems, Elliptic.*

AMS Subject Classification : 35J60.

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