MAXIMUM PRINCIPLES FOR A CLASS OF LINEAR ELLIPTIC EQUATIONS OF EVEN ORDER

CRIStian-Paul Danet AND anita marenO

Abstract. In this paper we define several types of functions on the solution to a class of linear elliptic equations of even order. We establish that these functions satisfy a classical maximum principle. As a consequence we obtain uniqueness results and bounds on various quantities of interest.


Keywords and phrases: maximum principles, higher order, elliptic.

REFERENCES