THE ABP ESTIMATES AND ITS APPLICATION

LIANGJUN WENG

Abstract. In this talk, we will discuss the Alexandroff–Bakelman–Pucci (ABP) method from elliptic PDE and it application in solving isoperimetric problem, which dates back to Queen Dido in the ancient Carthage era.

Department of Mathematics, Universitá degli Studi di Roma Tor Vergata, Rome, Italy

E-mail address: weng@axp.mat.uniroma2.it