

GEOMETRY OF BANACH SPACE AND NORM ATTAINING FUNCTIONS

SUN KWANG KIM

We start with basic concept of Banach spaces and their properties. We introduce some geometric properties of Banach spaces, and theory of norm attainment of functions as a tool to study those geometric properties. Among them, we will see Lindenstrauss type of results and Bollobás type of results for various types of functions. Some recent results and open problems will be also presented.

(Kim) CHUNGBUK NATIONAL UNIVERSITY

Email address: lineksk@gmail.com