J. Indones. Math. Soc. (MIHMI) Vol. 14, No. 2 (2008), pp. 121–152.

MORREY SPACES WITH NON-DOUBLING MEASURES II

Yoshihiro Sawano

Abstract. The aim of this article is a survey of the research of Morrey spaces with nondoubling measures. This article is based on the lecture delivered in Institute Technology Bandung. The first half of this survey contains key results with proofs, which was written is a self-contained manner except Section 6. The second half, Parts 2 and 3, is devoted to formulating key results without proofs.

Received 10-10-2007, Accepted 18-09-2008. 2000 Mathematics Subject Classification: 42B25, 42B35 Key words and Phrases: Morrey spaces, non-doubling Yoshihiro Sawano: Department of Mathematics, Gakushuin University 1-5-1 Mejiro, Toshima-ku, Tokyo 171-8588, Japan.

E-mail: yosihiro@math.gakushuin.ac.jp