

Year: 2013

Vol.: 83

Fasc.: 3

Title: Linear and sublinear operators on generalized Morrey spaces with non-doubling measures

Author(s): Vagif Guliyev and Yoshihiro Sawano

By using a geometric structure of the Euclidean space, the theory of generalized Morrey spaces is shown to be available in the non-doubling setting. Some classical operators are established to be bounded in the generalized spaces defined in the present paper.

Address:

Vagif Guliyev
Department of Mathematics
Ahi Evran University
Kirsehir
Turkey
and
Institute of Mathematics
and Mechanics of NAS of Azerbaijan
370000 Baku
Azerbaijan

Address:

Yoshihiro Sawano
Department of Mathematics
and Information Science
Tokyo Metropolitan University
Hachioji, 606-8502
Japan