

Year: 2004

Vol.: 64

Fasc.: 3-4

Title: Complex rotundity of Musielak–Orlicz function spaces equipped with the Orlicz norm

Author(s): Cuixia Hao, Lifang Liu and Tingfu Wang

The criteria for complex extreme points, complex rotundity, complex locally uniformly rotund points, complex local uniform rotundity and complex uniform rotundity in complex Musielak–Orlicz function spaces equipped with the Orlicz norm are given.

Address:

Cuixia Hao
Department of Mathematical Sciences
Heilongjiang University
Harbin, 150080
P.R. China
and
Department of Mathematical Sciences
University of Alberta
Edmonton, T6G, 2G1
Canada
E-mail: haocuixia@yahoo.com

Address:

Lifang Liu
Department of Mathematics
Xiamen University
Xiamen, 361005
P.R. China
E-mail: lifang.liu@263.net