

INSTITUTE OF MATHEMATICS, POLISH ACADEMY OF SCIENCES

DISSERTATIONES
MATHEMATICAE

EDITORIAL BOARD

ANDRZEJ BIAŁYNICKI-BIRULA, BOGDAN BOJARSKI,
JANUSZ GRABOWSKI editor, STANISŁAW JANECZKO,
LUDOMIR NEWELSKI, JERZY ZABCZYK,
WIESŁAW ŻELAZKO deputy editor

471

CAROLINE SWEEZY and J. MICHAEL WILSON

Weighted inequalities
for gradients on non-smooth domains

WARSZAWA 2010

Caroline Sweezy
Department of Mathematical Sciences
New Mexico State University
Box 30001, 3MB
Las Cruces, New Mexico 88003-8801, USA
E-mail: csweezy@math.nmsu.edu

J. Michael Wilson
Department of Mathematics and Statistics
University of Vermont
16 Colchester Ave.
Burlington, VT 05405, USA
E-mail: wilson@cems.uvm.edu

Published by the Institute of Mathematics, Polish Academy of Sciences

Typeset using \TeX at the Institute

Printed and bound in Poland by

Warszawska Drukarnia Naukowa

Nakład 300 egz.

Available online at <http://journals.impan.pl>

© Copyright by Instytut Matematyczny PAN, Warszawa 2010

DOI: 10.4064/dm471-0-1

ISSN 0012-3862