M. Cúth, O. Kurka, B. Vejnar

Large separated sets of unit vectors in Banach spaces of continuous functions

MATH-KMA-2018/557

May 2018

Submitted

Department of Mathematical Analysis, Faculty of Mathematics and Physics,
Charles University, Sokolovská 83, 186 75, Praha 8, Czech Republic
http://www.karlin.mff.cuni.cz/kma-preprints/

List of preprints released in this series

$1999 - 2016$

For the details on papers submitted in specified years see the web page of the preprint series.

2017

MATH-KMA-2017/533 Dietmar Kroner and Mirko Rokyta: *Error estimates for higher-order finite volume schemes for convection diffusion problems*

MATH-KMA-2017/534 Tomá Roskovec : *Sobolev homeomorphism in $W^{k,p}$ and the Lusin (N) condition*

MATH-KMA-2017/535 Tomá Bárta: *Sharp and optimal decay estimates for solutions of gradient-like systems*

MATH-KMA-2017/536 Tomá Bárta: *Optimal decay estimates for solutions to damped second order ODE's*

MATH-KMA-2017/537 M. Cúth, O.Kalenda and P.Kaplický: *Finitely additive measures and complementability of Lipschitz-free spaces*

MATH-KMA-2017/538 J. A. Barrionevo, L. Grafakos, D. He, P. Honzík, L. Oliveira: *Bilinear spherical maximal function*

MATH-KMA-2017/539 Libor Veselý, Luděk Zajíček: *A non-DC function which is DC along all convex curves*

MATH-KMA-2017/540 Tomá Bárta: *Exact rate of decay for solutions to damped second order ODE's with a degenerate potential*

MATH-KMA-2017/541 Chang-Yu Guo, Stanislav Hencl, Ville Tengvall: *Mappings of finite distortion: size of the branch set*

MATH-KMA-2017/542 D. Pokorný, J. Rataj and L. Zajíček: *On the structure of WDC sets*

MATH-KMA-2017/543 S. Frigeri, M. Grasselli, D. Pra«ák: *Nonlocal Cahn-Hilliard-Navier-Stokes systems with shear dependent viscosity*

MATH-KMA-2017/544 Petr Honzík: *Endpoint Estimate for Rough Maximal Singular Integrals*

MATH-KMA-2017/545 Eva Burianková a Petr Honzík: *Rough Maximal Bilinear Singular Integrals*

MATH-KMA-2017/546 Václav Krytof: *Versions of Ilmanen Lemma: Insertion of $C^{1,\omega}$ or $C^{1,\omega}_{loc}$ Functions*

MATH-KMA-2017/547 J.Hamhalter and O.Kalenda: *Measures of weak non-compactness in spaces of nuclear operators*

MATH-KMA-2017/548 O. Kalenda and V. Kovařík: *Absolute F sigma delta space*

MATH-KMA-2017/549 V. Kovařík: *Absolute F-Borel classes*

2018

MATH-KMA-2018/550 Angela Alberico, Andrea Cianchi, Luboš Pick and Lenka Slaviková: *Sharp Sobolev type embeddings on the entire Euclidean space*

MATH-KMA-2018/551 Jakub Rondoš and Jiří Spurný: *Isomorphisms of spaces of affine continuous complex functions*

MATH-KMA-2018/552 Daniel Campbell, Stanislav Hencl, Aapo Kauranen and Emanuela Radici: *Strict limits of planar BV homeomorphisms*

MATH-KMA-2018/553 Jakub Rondoš and Jiří Spurný: *Small-bound isomorphisms of function spaces*

MATH-KMA-2018/554 Luděk Zajíček: *A remark on functions continuous on all lines*

MATH-KMA-2018/555 S. Hencl, A. Kauranen, R. Luisto: *Weak regularity of the inverse under minimal assumptions*

MATH-KMA-2018/556 Loukas Grafakos, Danqing He, Petr Honzík : *operators associated with bilinear multipliers of limited decay*

MATH-KMA-2018/557 M. Cúth, O. Kurka, B. Vejnar: *Large separated sets of unit vectors in Banach spaces of continuous functions*

MATH-KMA-2018/558 M. Cúth, M. Doucha, O. Kurka: *Complexity of distances between metric and Banach spaces*