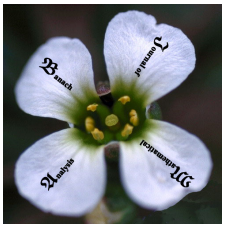

Banach J. Math. Anal. 8 (2014), no. 2, 185–192

Banach Journal of Mathematical Analysis
ISSN: 1735-8787 (electronic)
www.emis.de/journals/BJMA/

# JORDAN-VON NEUMANN CONSTANT FOR BANAŚ-FRĄCZEK SPACE

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Communicated by Q. Xu

Abstract. For any $\lambda \geq 1$, $\mathbb{R}^2_\lambda$ is Banaś-Frączek space, the exact value of the Jordan–von Neumann constant $C_{NJ}(\mathbb{R}^2_\lambda)$ is investigated. By careful calculations, $C_{NJ}(\mathbb{R}^2_\lambda) = 2 - \frac{1}{\lambda^2}$ is given.

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*Date*: Received: Sep. 27, 2013; Accepted: Dec. 22, 2013.
2010 *Mathematics Subject Classification.* Primary 46B20; Secondary 46B99.
*Key words and phrases.* Jordan–von Neumann constant, modulus of convexity, Banaś-Frączek space, James constant, uniform normal structure.