

Banach J. Math. Anal. 5 (2011), no. 1, 94–100

BANACH JOURNAL OF MATHEMATICAL ANALYSIS ISSN: 1735-8787 (electronic) www.emis.de/journals/BJMA/

## ERRATA ON "BANACH-SAKS PROPERTIES OF C\*-ALGEBRAS AND HILBERT C\*-MODULES"

## MICHAEL FRANK<sup>1\*</sup> AND ALEXANDER A. PAVLOV<sup>2</sup>

Communicated by D. Bakić

ABSTRACT. Due to an example indicated to us in September 2009 we have to add one more restriction to the suppositions on the imprimitivity bimodules treated in Proposition 4.1, Theorem 5.1, Theorem 6.2 and Proposition 6.3. In the situation when the Banach-Saks property holds for the imprimitivity bimodule we can describe all possible additional examples violating the newly invented supposition. So the classification of Hilbert  $C^*$ -modules with the Banach-Saks property is complete. Beyond that, there is still an open problem for a certain class of imprimitivity bimodules with the weak or uniform weak Banach-Saks property which might violate the additional condition.

<sup>1</sup> HOCHSCHULE FÜR TECHNIK, WIRTSCHAFT UND KULTUR (HTWK) LEIPZIG, FAKULTÄT IMN, PF 301166, D-04251 LEIPZIG, F.R. GERMANY. *E-mail address:* mfrank@imn.htwk-leipzig.de

<sup>2</sup> DIPARTIMENTO DI MATEMATICA E INFORMATICA, UNIVERSITÀ DEGLI STUDI DI TRI-ESTE, PIAZZALE EUROPA 1, I-34127 TRIESTE, ITALY AND ALL-RUSSIAN INSTITUTE OF SCI-ENTIFIC AND TECHNICAL INFORMATION, RUSSIAN ACADEMY OF SCIENCES (VINITI RAS), USIEVICHA STR. 20, 125190 MOSCOW A-190, RUSSIA.

*E-mail address*: axpavlov@mail.ru

Date: Received: 24 May 2010; Accepted: 6 July 2010.

<sup>\*</sup> Corresponding author.

<sup>2010</sup> Mathematics Subject Classification. Primary 46B07; Secondary 46L08, 46L05.

 $Key\ words\ and\ phrases.$ Banach-Saks properties,  $C^*\mbox{-algebra},$  Hilbert $C^*\mbox{-module},$  Morita equivalence.

Partially supported by the RFBR (grant 07-01-91555) and by the DFG project "K-Theory, C\*-Algebras, and Index Theory".