DERIVATIONS WITH VALUES IN QUASI-NORMED BIMODULES OF LOCALLY MEASURABLE OPERATORS

A. F. Ber, G. B. Levitina, and V. I. Chilin

We prove that every derivation acting on a von Neumann algebra \mathcal{M} with values in a quasi-normed bimodule of locally measurable operators affiliated with \mathcal{M} is necessarily inner.

Key words and phrases: derivation, von Neumann algebra, quasi-normed bimodule, locally measurable operators.

 Ber Aleksej Feliksovich
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 Levitina Galina Borisovna
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 Chilin Vladimir Ivanovich
 National University of Uzbekistan,

 Tashkent, 100174 Uzbekistan.
 E-mail: ber@ucd.uz

Translated into English:

E-mail: bob galina@mail.ru

E-mail: vladimirchil@gmail.com; chilin@ucd.uz

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