CORRECTION TO: “BANACH ALGEBRAS WHICH ARE IDEALS IN A BANACH ALGEBRA”

Bruce Alan Barnes
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BANACH ALGEBRAS WHICH ARE IDEALS IN A
BANACH ALGEBRA

BRUCE A. BARNES

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Professor James Burnham has pointed out to me that Proposition 3.3 is incorrect. In fact a crucial hypothesis has been omitted. The following hypothesis should be added to the statements of Proposition 3.3, Theorem 3.4, and Theorem 4.2:

\[ B \cdot [A \cdot B] \text{ is dense in } A \text{ in the } A\text{-norm}. \]

Here \( B \cdot A \) is the ideal generated by elements of the form \( ba \) where \( b \in B, a \in A \).
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