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ON THE CONTINUITY OF THE GROUP INVERSE IN C^* -ALGEBRAS

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ABSTRACT. Let $\{a_n\}_{n=1}^\infty$ be a sequence of group invertible elements of a unital C^* algebra $\mathcal{A}$ that converges to a . We present some equivalent conditions for the group invertibility of a and for the convergence of $\{a_n^\#\}_{n=1}^\infty$ to $a^\#$.

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