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**Alexander A Katz\*** ([katza@stjohns.edu](mailto:katza@stjohns.edu)), St. John's University, Dep. of Math & CS, 300 Howard Ave., DaSilva 314, Staten Island, NY 10301. *On Enveloping  $C^*$ -algebra of Rickart JB-algebra.*

In the paper we introduce and study Rickart JB-algebras which are JB-algebras in which an annihilator of each one-point set is a principle ideal generated by a projection. Examples of those algebras include JBW-algebras (JB-algebras with a pre-dual space) and Baer JB-algebras (often called AJW-algebras, or Jordan algebras of Kaplansky). The main result we prove states that an arbitrary invertible JB-algebra is an Rickart JB-algebra then and only then when its universal enveloping  $C^*$ -algebra is an Rickart  $C^*$ -algebra. (Received June 25, 2009)