1031-46-73   **Alexander A. Katz*** (`katza@stjohns.edu`), St. John's University, Dep. of Math & CS, 300 Howard Avenue, DaSilva Hall 314, Staten Island, NY 10301. *On measurable bundles of real C*- and JB-algebras.*

We introduce and study real *-algebras (Jordan algebras) of Banach-Kantorovich over the ring of all measurable functions, and the norm satisfies axioms analogous to those of real C*-algebras (JB-algebras). It is established that these algebras admit a unique up to a real *-isometry (isometry) representation as a measurable bundle of real C*-algebras (JB-algebras) with vector-valued lifting. (Received August 03, 2007)