1027-19-223   **Constantin Dorin Dumitrascu*** (`dumitras@math.arizona.edu`), University of Arizona, Department of Mathematics, 617 N. Santa Rita Ave., Tucson, AZ 85721, and **Radu Popescu**. *Asymptotic Kasparov cycles and extensions.* Preliminary report.

From the 1970's work of Brown, Douglas, and Fillmore, to that of Kasparov, and more recently to that of Manuilov and Thomsen, extensions have played an important role in the various homology-cohomology theories associated to C*-algebras. KE-theory, intermediate between KK-theory and E-theory, blends features of both these bivariant theories and offers some flexibility in the use of its cycles – named asymptotic Kasparov cycles. This talk investigates some connections between the asymptotic Kasparov cycles and the theory of extensions. (Received February 27, 2007)