

Meeting: 998, Houston, Texas, SS 5A, Special Session on Associative Rings

998-16-292 **Gary F. Birkenmeier** (gfb1127@louisiana.edu), **Jae Keol Park** (jpark@pusan.ac.kr) and
S. Tariq Rizvi* (rizvi.1@osu.edu). *On some ring hulls*. Preliminary report.

It has been of general interest to study, for a given ring R , an overlying structure (or a hull) which has some specific properties and satisfies some 'minimality' conditions with respect to those properties. For a ring R , we investigate its right (essential) rings of quotients which are 'minimal' with respect to having the given properties. Existence and description of some such minimal overrings will be provided. (Received March 01, 2004)