Wenjing Liu* (wbs4@wildcats.unh.edu) and Don Hadwin. A Generalized Voiculescu Theorem of $AH$-algebras into Semifinite von Neumann Algebras. Preliminary report.

In this talk, we extend the result of Don Hadwin for approximate summands of representations from $AH$ algebras into von Nuemann algebras. We also will discuss a necessary and sufficient condition for two unital $*$-homorphisms of $AH$ algebras into semifinite von Neumann algebras to be approximate equivalent is that they are approximate equivalent relative to compact operators. (Received September 25, 2018)