1145-13-1525   **Babak Jabbar Nezhad*** (`bjabbarn@uark.edu`), 1 University of Arkansas, Dpartment of Mathematical Sciences, Fayetteville, AR 72701. *Gröbner bases and equations of the multi-Rees algebras.*

In this talk we describe the equations defining the multi-Rees algebra $R[I_1^{a_1}t_1, \ldots, I_r^{a_r}t_r]$, where R is a Noetherian ring containing a field and the ideals are generated by a subset of a fixed regular sequence. (Received September 22, 2018)