

1125-VA-1712 **Babak Jabbar-Nezhad*** (bjabbarn@uark.edu), 1 University of Arkansas, Fayetteville, AR
72701. *Defining equations of the multi-Rees algebra.*

In this talk we describe the defining equations of the multi-Rees algebra $R[t_1I_1, \dots, t_rI_r]$ over a polynomial ring $R[T_1, \dots, T_s]$, where there are some relations between I_i s. (Received September 18, 2016)