1026-20-133   **Parisa Babaali*** (`pbabaali@stevens.edu`), 301 3rd street, Jersey City, NJ 07302. *Generic and Structural Properties of Random Automata.*

Regular Languages are a very important part of group theory as well as theory of computation. In this talk we will investigate their generic properties using deterministic finite state automata. We will develope a family of probability measures on the set of trim finite automata and we will show that being minimal is not a generic property with respect to the standard definition of asymptotic density. (Received February 22, 2007)