THE DEPARTMENT OF MATHEMATICS

Algebra Seminar

Monday – April 17, 2023 at 4pm in the Alavi Commons 6625 Everett Tower

An Introduction to Linear Finite State Moore Machines with Output

Akshat Gulgulia

In this talk, given a finite state Moore Machine, $\mathbf{M} = (\mathbf{S}, \mathbf{I}, \mathbf{F}, \mathbf{G} s_0, \mathbf{O}, \mathbf{T})$ with output, will introduce Linear Sequential Machines, LSM's. In this context we will discuss the serial and parallel decomposition of LSM's and controllability and connectivity of LSM's as time allows.