

## **Modeling and Simulation, CS302**

### **Lab-7**

**Due-Date: March 20, 2017**

#### **Cellular Automata Simulation.**

1. In this lab we will use cellular automata approach to study heat conduction in rod. The relevant chapter (Diffusion: Overcoming differences) from the book is provided as reference. You are supposed to understand the discussion in the chapter and attempt atleast two of project questions at the end of the chapter. While you are encouraged to write your own code, you can use the codes shared at the book's webpage as reference. If you are using the shared codes then in your report please state it clearly and provide relevant reference.