

Adenrele Oloye

Title of Poster Presentation: Introduction To Turing Machines

Abstract:

The purpose of this project is to design a Turing machine that verifies set containment, and to provide awareness about the workings of a Turing machine. The researcher will define and describe the workings of Turing machines. The researcher will also design a Turing machine that generates a particular output (010010100101001) and a Turing machine that verifies set containment such that, given two finite, non-empty sets A and B, the verification of A being a subset of B can be carried out with the Turing machine.