**CD++ Model Data Form**

Title: Network Decontamination

Type: Cell-DEVS Model

Acronym/Short name:

Purpose for which Developed: A model to study how the network decontamination is performed using Von Neumann and Moore neighbourhood.

Other Applications for which it is Suitable:

Date Developed/Implemented: November 2016

Domain: Networks and Telecommunications

Current Version:

URL:

Description (including characteristics): The goal of this model is to decontaminate the contaminated nodes in network which propagates faulty computations for certain time with temporal immunity. The propagation of decontamination in network is done using Von Neumann and Moore neighbourhood assuming that there is not any contaminated node in the network once the decontamination propagates.

Links to Related Documents

Short Title:

URL:

Description:

Keywords: decontamination, network

Developer:

|  |  |
| --- | --- |
| Name: Sagar Patel,  Bhumika Patel | Student Id: **101053635**  **101047616** |
| Address 1: Carleton University | Email id: sagarpatel3@cmail.carleton.ca  bhumikapatel@cmail.carleton.ca |
| Address 2: -- |  |
| City: Ottawa | Province/State-Country: Ontario-Canada |
| Zip: -- | Phone: -- |