Publications

The following are the research publications resulted from the present thesis work.

- **Raju K.George, Trupti P.Shah,** *Steering Control of Semi-linear Discrete Dynamical System,* Journal of the Indian Institute of Science, vol. 87, No. 4, pp.485-489 (2007).

- **Raju K.George, Trupti P. Shah** *Asymptotic Stability of Nonlinear Discrete Dynamical Systems Involving (sp) Matrix,* (to appear in Nonlinear Studies).

- **Raju K.George, Trupti P. Shah** *Controllability of Discrete Volterra Systems,* (communicated to Journal of Applied Mathematics and Computations).

- **Raju K. George, Trupti P. Shah** *Accurate Solution Estimate and Asymptotic Behavior of Nonlinear Discrete System,* (to be communicated)

- **Raju K.George, Trupti P. Shah** *Asymptotic Equivalence of Discrete Volterra Systems,* (to be communicated)

- **Raju K. George, Trupti P.Shah,** *Optimal Control of Discrete Volterra System - A Classical Approach,* (to be communicated)

- **Trupti P. Shah** *(sp) Matrix - Function issp() which checks whether a given matrix is a (sp) matrix or not,* (communicated to the web cite www.mathworks.com and is available at the following URL).
  $http : //www.mathworks.com/matlabcentral/fileexchange/loadFile.do?objectId = 14861$