Bifurcation Analysis and Lyapunov Exponent Spectrum for a modified Van Der Pol heart model

A dissertation submitted in partial fulfilment of the requirements for the award of the degree of

Master of Technology

in

Electronics Design and Technology

by

Yaheya Al Aman

ECD20026

Department of Electronics and Communication Engineering

School of Engineering, Tezpur University

Tezpur-784028, Assam, India.

2020-2022