

# ON NONAUTONOMOUS DISCRETE DYNAMICAL SYSTEMS

A Thesis Submitted to

The Maharaja Sayajirao University of Baroda



in Partial Fulfillment for the Degree of

## DOCTOR OF PHILOSOPHY IN MATHEMATICS

by  
Dhaval Rohit Thakkar

Under the guidance of  
Prof. Ruchi T. Das

Department of Mathematics  
Faculty of Science  
Tire Maharaja Sayajirao University of Baroda  
Vadodara 390 002

October 2016