STRUCTURAL CONTROL OF CIVIL ENGINEERING STRUCTURES A WANFIS MODEL FOR USE IN SYSTEM IDENTIFICATION AND

bу

Ryan Mitchell

A Thesis

Submitted to the Faculty

of the

WORCESTER POLYTECHNIC INSTITUTE

in partial fulfillment of the requirements for the

Degree of Master of Science

Ħ.

Civil Engineering

May 2012

APPROVED:

fmy les soll

Dr. Yeesock Kim, Thesis Advisor

Dr. Tahar El-Korchi, Major Advisor and Head of Department

Leward O. Albano

Dr. Leonard Albano, Committee Member