Author : Yashar Arvin

Matrix No: MA81045

Pass. No : U16353051

Nationality: IRAN

Title of Thesis : Improvement of Structural Stability for Multi –Storey Building by Using Composite Column and Cable Connection

Name of Supervisor : Assoc.Prof.Dr. Suhaimi Abu Bakar

Panel examiners name :

Dr. Redzuan Abdulah
Prof. Datin Dr. Nasly Mohamed Ali
Assoc. Prof. Dr. Abd Kadir Marsono

Brief Content of the Thesis :

The methods are using during issue are subjected to build safe and economical structures by limitation for lateral deflection against seismic load or motion effectively and increase the stability of structure. Using composite column as a flexible part of structure to absorb energy from action and reaction of loads in components are assumed for first part of issue and cable connection as active spring part of structure as second part of thesis. The both methods are proposed to study effect of P-Delta method by non-linear analysis with SAP2000 to comparing existing methods with same loads. The results from SAP2000 are appeared effect of composite column and cable connection with small lateral deflection compare with non-composite and rigid connection.

Table of Contents

List of Tables

Table NO. **TITLE** **PAGE**

LIST OF FIGURES

FIGURE NO. **TITLE** **PAGE**

FIGURE NO.	TITLE	PAGE

FIGURE NO. **TITLE** **PAGE**

FIGURE NO.	TITLE	PAGE