



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





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# شبكة المعلومات الجامعية

## التوثيق الالكتروني والميكرو فيلم

# جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

## قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها  
علي هذه الأفلام قد اعدت دون أية تغيرات



## يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of  
15 – 25c and relative humidity 20-40 %



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# بعض الوثائق الأصلية تالفة



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بالرسالة صفحات  
لم ترد بالأصل

**NONLINEAR BEHAVIOR OF REINFORCED CONCRETE BEAMS  
STRENGTHENED BY FIBER REINFORCED POLYMERS:**

**AN EXPERIMENTAL AND ANALYTICAL STUDY**

by

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Assistant lecturer, Civil Engineering Department,  
Faculty of Engineering, Tanta University

**A Thesis Submitted to the  
Faculty of Engineering at Cairo University  
in Partial Fulfillment of the  
Requirement for the Degree of  
DOCTOR OF PHILOSOPHY  
in  
CIVIL ENGINEERING (STRUCTURAL ENGINEERING)**

**FACULTY OF ENGINEERING, CAIRO UNIVERSITY  
GIZA , EGYPT  
June 2000**

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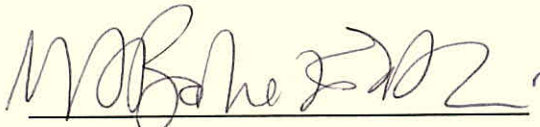
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# CONTENTS

|   | Page   |
|---|--------|
| LIST OF TABLES  | viii   |
| LIST OF FIGURES   | x      |
| LIST OF SYMOBOLS AND ABBREVIATIONS  | xxiv   |
| ACKNOWLEDGEMENT   | xxvii  |
| ABSTRACT  | xxviii |
| 1. INTRODUCTION   | 1      |
| 1.1 Background  | 1      |
| 1.2 Research Goals  | 2      |
| 1.3 Scope of work   | 3      |
| 2. LITERATURE REVIEW  | 7      |
| 1.1 Introduction  | 7      |
| 1.2 Flexural Strengthening of R.C Beams Using Externally Bonded Steel Plates                          | 8      |
| 2.2.1 Experimental Research Work  | 8      |
| 2.2.2 Field Applications  | 11     |
| 1.3 Flexural Strengthening of R.C Beams Using Externally Bonded Fiber Reinforced Plastic (FRP) Plates | 12     |
| 2.3.1 Experimental Research Work  | 13     |
| 2.3.1.1 Effect of the Bonding Adhesive Characteristics  | 14     |
| 2.3.1.2 Effect of Strengthening FRP Sheet Characteristics   | 15     |
| 2.3.1.3 Effect of Strengthened Beam Characteristics   | 23     |
| 2.3.1.4 Effect of Test Setup and Loading Configuration  | 27     |
| 2.3.2 Analytical Research Work  | 29     |
| 2.3.2.1 Using Iterative Analytical Methods  | 30     |
| 2.3.2.2 Using Closed Form Solutions   | 33     |
| 2.3.2.3 Using Finite Element Method   | 35     |

|  | <b>Page</b> |
|--|-------------|
| 2.3.3 Field Applications   | 39          |
| 2.4 Summary and Conclusions  | 40          |
| 3. DEFECTS OF REINFORCED CONCRETE BEAMS (CAUSES, EVALUATION AND TECHNIQUES OF STRENGTHENING) | 42          |
| 3.1 Introduction   | 42          |
| 3.2 Definitions  | 44          |
| 3.3 Constituents of Reinforced Concrete  | 44          |
| 3.3.1 Concrete   | 45          |
| 3.3.1.1 Cement Paste   | 45          |
| 3.3.1.2 Aggregates.  | 46          |
| 3.3.1.3 Admixture  | 47          |
| 3.3.2 Reinforcing Steel  | 47          |
| 3.4 Reinforced Concrete Structures Assessment Plan   | 48          |
| 3.4.1 Goals of Assessment Plan   | 48          |
| 3.4.2 Steps of an Assessment Plan  | 49          |
| 3.5 Types of Common Defects in R.C. Structural Elements                                      | 51          |
| 3.5.1 Serviceability Defects   | 51          |
| 3.5.1.1 Unaccepted Cracks  | 51          |
| 3.5.1.2 Deterioration  | 52          |
| 3.5.1.3 Excessive Deformation  | 55          |
| 3.5.1.4 Differential Settlement  | 55          |
| 3.5.1.5 Leakage  | 56          |
| 3.5.2 Safety Defects   | 56          |
| 3.6 Common Causes of Defects in R.C. Structural Element                                      | 56          |
| 3.6.1 Causes Related to Inadequate Strength  | 58          |
| 3.6.1.1 Design Deficiencies  | 58          |
| 3.6.1.2 Construction Deficiencies  | 59          |
| 3.6.1.3. Foundation Deficiencies   | 59          |



|   | Page |
|---|------|
| 3.6.1.4 Material Deficiencies                               | 59   |
| 3.6.1.5 Maintenance Deficiencies                            | 60   |
| 3.6.1.6 Misuse  | 60   |
| 3.6.2 Causes Related to Damage                              | 60   |
| 3.6.2.1 Overloading   | 60   |
| 3.6.2.2 Restraint to Volume Changes in Concrete             | 60   |
| 3.6.2.3 Ground Movement                                     | 61   |
| 3.6.2.4 Water and Dampness                                  | 62   |
| 3.6.2.5 Fire  | 62   |
| 3.6.3 Causes Related to Deterioration                       | 62   |
| 3.6.3.1 Freeze-Thaw Disintegration                          | 62   |
| 3.6.3.2 Erosion   | 63   |
| 3.6.3.3 Corrosion of Reinforcement                          | 66   |
| 3.6.3.4 Alkali-Aggregate Reaction                           | 68   |
| 3.6.3.5 Sulphates Attack                                    | 69   |
| 3.6.3.6 Acid Attack   | 69   |
| 3.6.3.7 Atmospheric Pollution                               | 69   |
| 3.7 Structural Evaluation of Reinforced Concrete Structures | 69   |
| 3.7.1 Steps of Evaluation of Reinforced Concrete Structures | 70   |
| 3.7.2 Testing Methods for Evaluation                        | 70   |
| 3.7.3.Details of the More Usual Diagnostic Test Methods     | 71   |
| 3.7.3.1 Visual Investigation                                | 71   |
| 3.7.3.2 Locating Internal Defect Investigation              | 73   |
| 3.7.3.3 Deterioration Investigation                         | 74   |
| 3.7.3.4 Concrete Strength Investigation                     | 75   |
| 3.8 Strengthening Techniques                                | 77   |
| 3.8.1 Design of Strengthening                               | 77   |
| 3.8.2 Different Methods for Flexural Strengthening          | 77   |
| 3.8.2.1 Section Enlargement ( <i>Jacket and collar</i> )    | 78   |
| 3.8.2.2 External Post-Tensioning                            | 81   |
| 3.8.2.3 Supplemental Support and Span Length Shortening     | 82   |
| 3.8.2.4 Externally Bonded Reinforcement.                    | 84   |

## 4.OVERVIEW OF COMPOSITE MATERIALS AND LAMINATES 88

|   |     |
|---|-----|
| 4.1 Introduction  | 88  |
| 4.2 Types and Constituents of Composite Materials                             | 89  |
| 4.2.1 What are the composite materials?                                       | 89  |
| 4.2.2 Constituents of Composite Materials                                     | 90  |
| 4.2.2.1 Matrix Materials  | 90  |
| 4.2.2.2 Reinforcing Materials   | 94  |
| 4.2.3 Advantages and Disadvantages of Composite Materials                     | 99  |
| 4.2.3.1 General Advantages of Composites                                      | 100 |
| 4.2.3.2 General Disadvantages of Composites                                   | 100 |
| 4.3 Classification of Composite Materials                                     | 101 |
| 4.3.1 Particulate Composites  | 102 |
| 4.3.2 Fibrous Composites  | 102 |
| 4.4 Applications of Composite Materials                                       | 105 |
| 4.5 Fabrication Methods of Composite Materials                                | 107 |
| 4.5.1 Fabrication of Thermosetting Resin Matrix Composites                    | 108 |
| 4.5.2 Manufacturing Methods of Laminated Fiber-Reinforced Composites          | 109 |
| 4.6 Macromechanical behavior of laminated fiber-reinforced composites         | 113 |
| 4.6.1 Macromechanical Behavior of a Fiber Reinforced Lamina                   | 116 |
| 4.6.2 Macromechanical Behavior of Fiber Reinforced Laminate                   | 123 |
| 4.6.2 .1 Stress-strain Behavior of Every an Individual Lamina of a Laminate   | 123 |
| 4.6.2 .2 Through the Thickness Variation of Stress and Strain of the Laminate | 124 |
| 4.6.2.3 Resultant Forces and Moments  | 126 |