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Nota di contenuto

Front Cover; Advances in Concrete Slab Technology; Copyright Page; Foreword; Organising Committee; Table of Contents; WELCOMING ADDRESS; OPENING ADDRESS; Section 1. Concrete and its Constituent Materials; CHAPTER 1. CONCRETE AND ITS CONSTITUENT MATERIALS; CHAPTER 2. THE DEVELOPMENT OF STEEL FIBRE REINFORCED CONCRETE WITH PARTICULAR REFERENCE TO ITS USE IN CONCRETE SLABS; INTRODUCTION; MIX DESIGN FOR WIRAND CONCRETE AND MORTAR; MIXING, TRANSPORTING, PLACING AND FINISHING; TECHNICAL DEVELOPMENT; FIELD INSTALLATIONS; CONSTRUCTION CONSIDERATIONS; DESIGN TECHNIQUES; ECONOMICS
CURRENT PROJECTS AND USESACKNOWLEDGEMENT; CHAPTER 3. INFLUENCE OF STEEL FIBRE-REINFORCEMENT ON THE SHEAR STRENGTH OF SLAB-COLUMN CONNECTIONS; ABSTRACT; INTRODUCTION; EXPERIMENTAL PROGRAMME; TEST RESULTS AND DISCUSSION; CONCLUSIONS; REFERENCES; CHAPTER 4. RIBBED SLABS MADE OF FERROCEMENT; INTRODUCTION; PROPOSAL FOR A NEW SLAB; PRELIMINARY RESEARCH; TEST RESULTS; ECONOMIC ASSESSMENT; DISCUSSION AND CONCLUSIONS; CHAPTER 5. USE OF LIGHTWEIGHT AGGREGATE CONCRETE FOR STRUCTURAL APPLICATIONS; ABSTRACT; INTRODUCTION; TEST RESULTS AND DISCUSSION; CONCLUSIONS; ACKNOWLEDGEMENTS; REFERENCES
CHAPTER 6. EFFECT OF REPEATED DOSAGES OF SUPER-PLASTICIZERS ON WORKABILITY, STRENGTH AND DURABILITY OF CONCRETEINTRODUCTION; CONCRETE MIXES; PREPARATION AND TESTING OF SPECIMENS; RESULTS AND DISCUSSION; CONCLUSIONS; REFERENCES; CHAPTER 7. FLOWING CONCRETE; INTRODUCTION; SUPERPLASTICIZERS STUDIED; PROPERTIES OF HARDENED CONCRETE; TRANSPORT OF FLOWING CONCRETE; COMPACTION OF FLOWING CONCRETE; APPLICATIONS OF FLOWING CONCRETE; ECONOMY
CHAPTER 8. UTILIZING THE ADVANTAGES OF TYPE-K SHRINKAGE-COMPENSATING CEMENT CONCRETE IN VARIOUS TYPES OF SLAB DESIGNS-A REPORT COVERING FOURTEEN YEARS OF U.S.A. USAGEINTRODUCTION; HISTORY; FIELD DIMENSIONAL STABILITY TESTS; TYPE-K CEMENT CONCRETE PROPERTIES; STRUCTURAL DESIGN CONSIDERATIONS; PLACEMENT METHODS; PLACEMENT TIPS FOR EXPANSIVE-CEMENT CONCRETE; FINISHING TIPS; CURING TIPS; CONCLUSION; REFERENCES; CHAPTER 9. SULPHUR-TREATED CONCRETE SLABS; INTRODUCTION; EXPERIMENTAL PROGRAMME; TEST RESULTS; CONCLUSIONS; REFERENCES; DISCUSSION; Section 2: Structural Design
CHAPTER 10. STRUCTURAL DESIGNINTRODUCTION; ELASTIC METHODS OF ANALYSIS; PLASTIC METHODS OF ANALYSIS; NON-LINEAR METHODS; EXPERIMENTAL EVIDENCE; CONCLUSIONS; REFERENCES; CHAPTER 11. EXPERIMENTAL BEHAVIOUR OF REINFORCED CONCRETE SLABS, WITH PARTICULAR REFERENCE TO ANISOTROPIC SLABS; INTRODUCTION; SLAB DESIGN CRITERIA; EXPERIMENTAL INVESTIGATIONS; CONCLUSIONS; REFERENCES; CHAPTER 12. SHORT-TIME DEFLECTIONS OF RECTANGULAR SIMPLY SUPPORTED RC SLABS; INTRODUCTION; NOTATION; PROPOSED METHOD; RESULTS AND COMPARISON; CONCLUSIONS; REFERENCES
CHAPTER 13. THE INFLUENCE OF BAR SPACING ON TENSION STIFFENING IN REINFORCED CONCRETE SLABS

Sommario/riassunto

Advances in Concrete Slab Technology documents the proceedings of the International Conference on Concrete Slabs held at Dundee University on April 3-6, 1979. This book discusses the influence of steel fiber-reinforcement on the shear strength of slab-column connections; sulfur-treated concrete slabs; yield line analysis of orthotropicaly reinforced exterior panels of flat slab floors; and behavior of flat slab/edge column joints. The design of multiple panel

flat slab structures; structural behavior of floor slabs in shear wall buildings; shrinkage and cracking of concrete at early ages; and