Table of Contents

- Preface to the eleventh edition Notation
- Part 1 General Information
- 1 Introduction
- 2 Design criteria, safety factors and loads
- 3 Material properties
- 4 Structural analysis
- 5 Design of structural members
- 6 Buildings, bridges and containment structures
- 7 Foundations, ground slabs and earth-retaining structures
- Part 2 Loads, Materials and Structures

8 Loads

- 9 Pressures due to retained materials
- 10 Concrete and reinforcement
- 11 Cantilevers and single span beams
- 12 Continuous beams
- 13 Slabs
- 14 Framed structures
- 15 Shear wall structures
- 16 Arches
- 17 Containment structures
- 18 Foundations and retaining walls
- 19 Miscellaneous structures and details
- 20 Elastic analysis of concrete sections
- Part 3 Design to British Codes

- 23 Durability and fire resistance
- 21 Design requirements and safety factors
- 22 Properties of materials
- 24 Bending and axial force
- 25 Shear and torsion
- 26 Deflection and cracking
- 27 Considerations affecting design details
- 28 Miscellaneous members and details
- Part 4 Design to European Codes
- 29 Design requirements and safety factors
- 30 Properties of materials
- 31 Durability and fire resistance
- 32 Bending and axial force
- 33 Shear and torsion
- 34 Deflection and cracking
- 35 Considerations affecting design details
- Appendix Mathematical formulae and data
- References and further reading

Index