

PART III

Other Advances in Finite Element Method

- Chapter 12 Sub-Region Mixed Element I — Fundamental Theory at Crack Problem**
- Chapter 13 Sub-Region Mixed Element II — V-Notch Problem**
- Chapter 14 Analytical Trial Function Method I — Membrane and Plate Bending Elements**
- Chapter 15 Analytical Trial Function Method II — Singular Elements with Crack and Notch**
- Chapter 16 Quadrilateral Area Coordinate Systems, Part I — Theory and Formulae**
- Chapter 17 Quadrilateral Area Coordinate Systems, Part II — A New Tool for Constructing Quadrilateral Elements**
- Chapter 18 Spline Element I — Analysis of High-Rise Building Structures**
- Chapter 19 Spline Element II — Analysis of Plate/Shell Structures**