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Sommario/riassunto

Although many books have been published on the application of GIS in emergency management and disaster response, this is the first one to bring together a comprehensive discussion of the critical role GIS plays in hospital and healthcare emergency management and disaster response. Illustrating a wide range of practical applications, GIS in Hospital and Healthcare Emergency Management explores how GIS data is being used to assess need, determine surge capacity, and improve logistics in emergency or disaster scenarios. Leading experts in the field provide authoritative

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Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Preface -- Chapter 1 Stress Distribution and Design Analysis of Adhesively Bonded Tubular Composite Joints: A Review -- 1.1 Introduction -- 1.2 A Brief Review of Stress Analysis in Tubular Composit e Joints -- 1.3 Governing Equations Based on Linear Elasticity -- 1.3.1 Typical Assumptions in a Tubular Lap Joint Under Torsion -- 1.3.2 Stress Distribution in a Defect-Free Tubular Lap Joint Under Torsion -- 1.3.3 Stress Distribution in Defect-Free Joints Under Bending Moment -- 1.3.4 Stress Distribution in Defect-Free Joints Under Axial Load -- 1.3.5 Design Aspects Related to Adhesive Layer -- 1.3.6 Stress Distribution in Damaged Joints Due to Voids, Debonds, or Delaminations -- 1.3.7 Stress Distribution in Hybrid Joints Under Torsion -- 1.4 Nonlinear Analysis and Stress Distribution in Tubular Composite Joints -- 1.5 Failure Analysis of Adhesive Layer -- 1.6 Summary -- Acknowledgment -- References -- Chapter 2 Durability of Structural Adhesive Joints: Factors Affecting Durability, Durability Assessment and Ways to Improve Durability -- Abbreviations -- 2.1 Introduction -- 2.2 Factors Affecting Durability -- 2.2.1 Materials -- 2.2.1.1 Adhesives -- 2.2.2 Effects of Glass Transition Temperature (Tg) -- 2.2.2.1 Elastic Modulus -- 2.2.2.2 Lap-Shear Strength -- 2.2.3 Effects of Adherends -- 2.2.3.1 Aluminium -- 2.2.3.2 Steel -- 2.2.3.3 Titanium -- 2.2.4 Effects of

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