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| Altri autori (Persone) | PadmanabhanMadhusudan A DeyArjun Mohan KumarM |
| Disciplina | 620.11 |
| Soggetti | Materials science Materials Building materials Materials Science Materials for Devices Structural Materials |
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| Nota di contenuto | Study of physical and mechanical properties of Al matrix reinforced with Cu, Zn, Mg composite and processed by powder metallurgy process -- Structural, Optical and Elastic Properties of Boron Oxide Doped Bioactive Glasses -- Advancements in Aerospace Stealth Materials: Redefining Invisibility for Future Aircraft -- Strain Mapping and Stress Analysis of TIG Welded Joints of IN718 Superalloy -- Design and Development of Fire Retardant Test Rig for Evaluating Fire Protection Intumescent Coatings -- Influence of B4C Fillers in the High Velocity Impact Responses of Kevlar Epoxy Composite Plates at Elevated Temperature. |
| Sommario/riassunto | This book encompasses the selected proceedings of 18th edition of ISAMPE National Conference on Composites (INCCOM-18). The book |

covers outstanding research work in the areas of synthesis and processing of composites, composites tooling, physical, chemical & mechanical characterization, structural testing and certification of composites, non-destructive testing & analysis, fatigue & fracture of composites, composite manufacturing techniques, FEM in design of composites, repair and recycling technologies, composite structural health monitoring, nanocomposites, damage tolerance in composites, and stealth materials in aerospace applications. The book is a valuable reference for researchers and professionals in the materials and allied fields.
