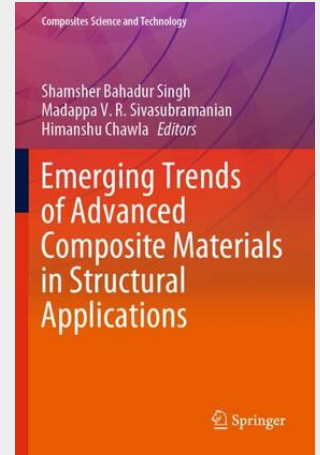


Emerging Trends of Advanced Composite Materials in Structural Applications

This book introduces different advanced composite materials used in construction of civil engineering infrastructures. It reflects the latest manufacturing processes and applications in the civil structures. This book also includes test cases and its validation with finite element method using computer software. Moreover, the book also deals with design methodology of advanced composite materials based on different applications. The comprehensive overview of the state-of-the-art research on the composite materials presented herein is of interest to scientists, researchers, students and engineers, and practitioners in general working in area of innovative composite materials and structures. This book is also helpful for Ph.D. research scholars for developing their fundamental understanding on advanced materials, and it is also appropriate for master and undergraduate level courses on composite materials.

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