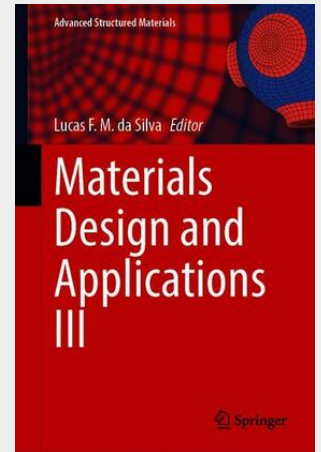


Materials Design and Applications III

This book offers selected contributions to fundamental research and application in designing and engineering materials. It focuses on mechanical engineering applications such as automobile, railway, marine, aerospace, biomedical, pressure vessel technology, and turbine technology. This includes a wide range of material classes, like lightweight metallic materials, polymers, composites, and ceramics. Advanced applications include manufacturing using the new or newer materials, testing methods, and multi-scale experimental and computational aspects.

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