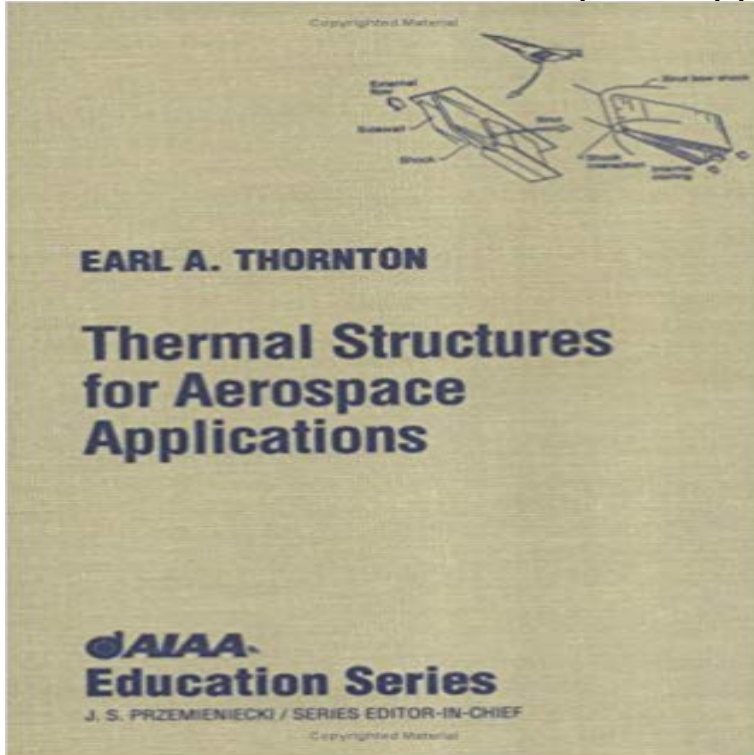


Thermal Structures for Aerospace Applications (AIAA Education Series)



As aircraft flight speeds have increased and orbital missions have mandated complex space structures, the need for a deeper understanding of aerospace thermal structural behavior has grown. The purpose of this book is to study the basic problems of complex computer analyses as they relate to this behavior. With in-depth presentations, this book sets out to allow readers to develop an understanding of the basic physical behavior of thermal structures, gain an appreciation for the role of classical engineering thermal and stress analyses, and apply computational methods to provide insight into realistic behavior.

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