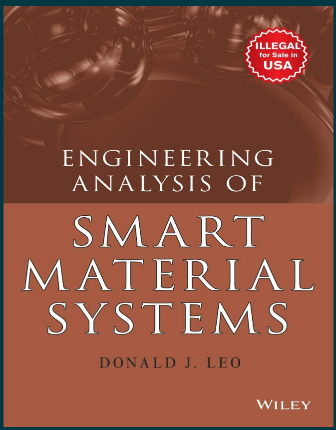

Engineering Analysis of Smart Material Systems

By Donald J. Leo

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Description

The book Active Materials: Analysis, Design, and Control will address an important need in the development of active materials technology. It will provide college instructors with a textbook from which to teach upper-level undergraduate and graduate-level courses. The book will provide a pedagogical approach that emphasizes the physical processes of active materials and the design and control of engineering systems. It will also be a reference text for practicing engineers who might understand the basic principles of active materials but have an interest in learning more about specific applications. The text will include a number of worked examples, design problems, and homework problems (with a solutions manual) that will be useful for both instructors and practicing engineers.

About the Author

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Professor Leo has worked in the field of smart marterials as a graduate student, a practicing engineer, and, most recently, as a faculty member at Virginia Tech.
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