

FEM and micromechatronics with ATILA software

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Abstrak

"Engineers and engineering students preparing to work with mechatronics, particularly with highly precise and smart actuators, often face the challenge of designing and analyzing devices without formal and practical guidance in computer techniques. Kenji Uchino's FEM and Micromechatronics with ATILA Software answers that need, providing an instructional text that is as practical as it is authoritative." "Every aspect of this book reflect its focus on being easy to understand and easy to implement. The first half of the text outlines the theory needed to develop and design smart actuators and transducers, while the second half walks readers step-by-step through the software implementation using seven extensive examples. With numerous problems throughout, the book is designed to reinforce learning principles."--BOOK JACKET.