



Synthetic Jets: Fundamentals and Applications (Hardback)

By -

Taylor Francis Inc, United States, 2014. Hardback. Condition: New. Language: English . This book usually ship within 10-15 business days and we will endeavor to dispatch orders quicker than this where possible. Brand New Book. Compiles Information from a Multitude of Sources Synthetic jets have been used in numerous applications, and are part of an emergent field. Accumulating information from hundreds of journal articles and conference papers, Synthetic Jets: Fundamentals and Applications brings together in one book the fundamentals and applications of fluidic actuators. Clearly and thoroughly explaining the mechanisms of underlying synthetic jet behavior-from aerospace to mechanical engineering-this book addresses a variety of aspects, and provides a holistic, systematic approach of the subject. Covers Fundamental Principles, Analysis Techniques, and Applications Designed as a starting point for newcomers, the book is divided into three parts: fundamentals, techniques, and applications, and focuses on a class of incompressible jet flows where the jet is made up of the surrounding fluid. It explores fluid dynamics, hydrodynamic modeling, acoustics, and fabrication. It covers key measurement techniques, computational modeling, and synthetic jet design. In addition to highlighting the concepts and applications of synthetic jets, (in particular their uses in flow control and thermal management in...



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Reviews

The book is great and fantastic. Better then never, though i am quite late in start reading this one. I realized this publication from my dad and i advised this ebook to find out.

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