Enabling technology for MEMS and nanodevices

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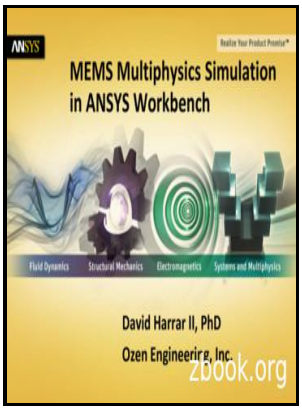

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ECE Course Syllabus

Between 1995 and 2002, he held research and teaching positions at the Georgia Institute of Technology 1995-1997 and ETH Zurich 1997-2002. Current research, engineering sucesses and newly commercialized products hint at the immense innovative potentials and future applications that open up once mankind controls shape and function from the atomic level right up to the visible world without any gaps. ISBN 9780471201694 optional Topical Outline Review of Integrated MEMS Technologies and Applications 1.

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He received his diploma degree in Physics from Technical University Karlsruhe, Germany, in 1990, and his PhD from ETH Zurich, Switzerland, in 1994. But aside from that it's free. Sensor Noise Sources, Electro-Mechanical Mechanisms, and Modeling: Brownian noise, pull-in voltage, comb-drives, electrostatic stiffness, nonlinearities, etc.

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He is a co-founder of the spin-off company SENSIRION. ECE6422 Course Syllabus ECE6422 Interface IC Design for MEMS and Sensors 3-0-3 Prerequisites ECE 4430 Corequisites None Catalog Description Design of high-performance integrated interface circuits for various MEMS and sensing devices. MEMS have proven to be key enabling technologies for developments in transportation, telecommunications and healthcare, but the range of MEMS applications covers nearly every sector.

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