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waveguides for  
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***number of new issues presents, such as the effects of residual stress, thin-film, air captured in micro-air-gaps and coating on the system, which make the problem complicated and spark debates. Micro-***



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***diaphragms are modeled by a plate in tension and mounted on air-spring, a general TDK equation of vibration of plates, including free, forced and damped vibrations, and its solutions are developed. The***

***loading effect of coating is modeled by a mass load; a micro-load theory is presented. This book is a summary of the author's long-term research on electromechanical transducers***

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***and these related issues, and they provide an excellent description combining theory and application. The principle of electromechanical transducers, which achieve the conversion between***

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biomedical imaging and  
ultrasonic mass resonators  
(mUMRs) for biochemical  
sensing, including plate-type,  
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***complex subject. Individual chapters in the book examine issues relating to whole-body vibration, hand-arm vibration, and motion sickness. Vibration measurements and standards are also addressed. This book***



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*magic in the sand of every beach you go to?" he asked as he watched her finger move through the sand in a rhythm writing the word. She smiled and said, "Because there is magic in the sand." "What do you mean?" he*

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*further asked. "When you feel the sand under your feet," she scrunched up her toes in the sand as she spoke. "And feel every granule of it, the noise of your thoughts suddenly sound like the waves. Just like*

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*magic." Me*

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flat surface of discontinuity, demonstrating how propagation characteristics of waves change in space when there is a distributed impedance mismatch. Next is a chapter on radiation, scattering, and diffraction, where Kim shows

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