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Ultrasonic transducers : materials and design for sensors, actuators and medical applications / K. Nakamura. Published: Cambridge, UK ; Philadelphia : Woodhead Publishing, 2012.
Physical Description: xxv, 722 pages : illustrations ; 24 cm. Additional Creators: Nakamura, K.

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Ultrasonic Transducers | ScienceDirect

Ultrasonic transducers reviews recent research in the design and application of this important technology. Part one provides an overview of materials and design of ultrasonic transducers. Piezoelectricity and basic configurations are explored in depth, along with electromagnetic acoustic transducers, and the use of ceramics, thin film and single crystals in ultrasonic transducers.

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