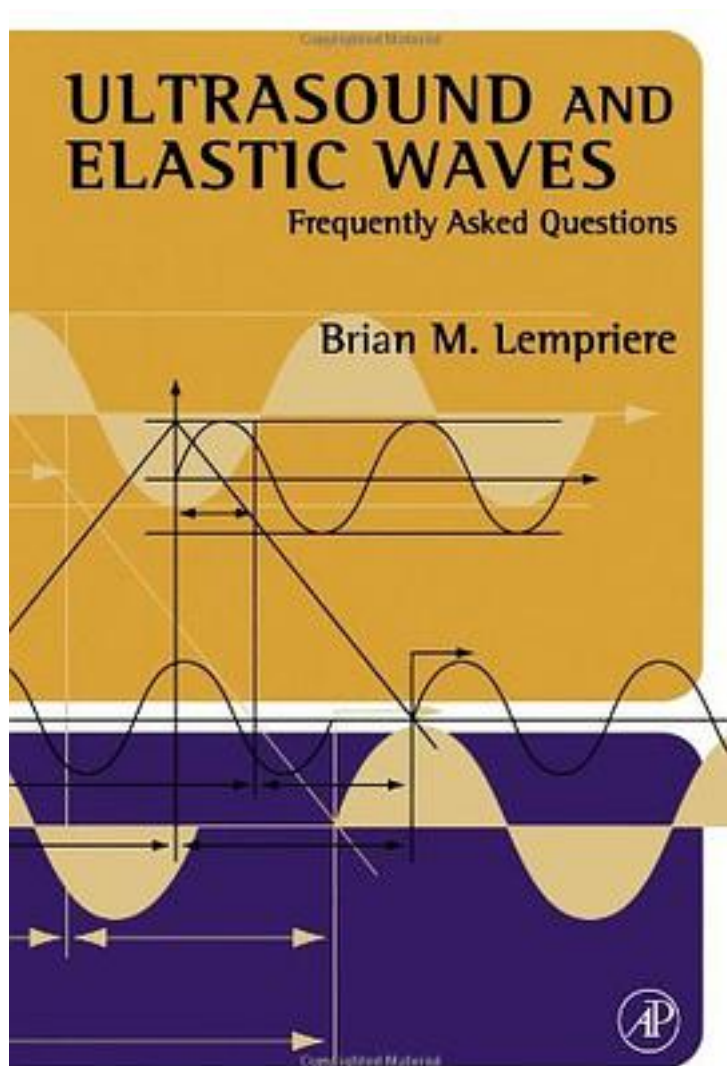


# Ultrasound and Elastic Waves



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Ultrasound has found an increasing number of applications in recent years due to greatly increased computing power. Ultrasound devices are often preferred over other devices because of their lower cost, portability, and non-invasive nature. Patients using ultrasound can avoid the dangers of radiological imaging devices such as x-rays, CT scans, and radioactive media injections. Ultrasound is also a preferred and practical method of detecting material fatigue and defects in metals, composites, semiconductors, wood, etc. Detailed appendices contain useful formulas and their derivations, technical details of relevant theories . The FAQ format is used where a concept in one answer leads to a new Q and A.

作者介绍:

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标签

物理

工程

评论

弹性波，无损检测等知识的基础入门，讲解非常清晰明了。

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