

Abstract Submitted
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Elastic Constants of Indium Arsenide at Room Temperature by Resonant Ultrasound Spectroscopy FOUZI ARAMMASH, MING YIN, Benedict College — The three independent elastic constants, C_{11} , C_{12} , and C_{44} of indium arsenide (InAs) single crystal were determined at room temperature using resonant ultrasound spectroscopy (RUS) technique. We will present and compare our results with those obtained from more conventional measurement techniques. We also compare our results to those of other III-V compound semiconductors such as gallium arsenide (GaAs).

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