

Imaging Shear Stiffness in Tissue from Dynamic Wave Propagation Data

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Abstract

We discuss crawling wave sonoelasticity (experiments by K. Parker at the University of Rochester), supersonic imaging (experiments by M. Fink at ESPCI in Paris) and Magnetic Resonance Elastography (experiments by D. Ehman at Mayo Clinic), the algorithms we develop and images we create for the identification of cancerous inclusions.