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Elastic constants of single crystal $\text{InAs}_{0.91}\text{Sb}_{0.09}$ determined by surface Brillouin scattering

Surface Brillouin scattering is used to determine the velocities of the Rayleigh surface wave, pseudo-surface wave and longitudinal lateral wave measured in the [100] and [110] directions in a (100) surface of single crystal $\text{InAs}_{0.91}\text{Sb}_{0.09}$. Explicit secular functions for the wave velocities are used to extract the elastic constants.

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