

ENERGY TRANSFER BETWEEN LAMB WAVES  
IN ELECTRICALLY COUPLED  $\text{LiNbO}_3$  PLATES

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S u m m a r y

Energy transfer between Lamb waves in a layered piezoelectric structure without acoustic contact, in which separate layers are coupled by means of an electric field, has been studied. An effective energy transfer between direct modes has been found. In addition, a transformation of the direct mode into the backward one was observed at the energy transfer between the plates in the frequency range allowable for backward waves.