

Length-Scale Dependent Phonon Interactions (Topics In Applied Physics)

2015 MRS Fall Meeting & Exhibit. Phonon interactions generally strongly depend on the length scale, and phonons in nanoscale material show complex behavior.

Length-Scale Dependent Phonon Interactions. relations and phonon interactions at different length designs from both the physics and the

THEOS - Laboratory of theory and simulation Determination of Phonon Length-Scale Dependent Phonon Interactions, vol. 128, p. 115-136, Topics in Applied

Boise State creates very large (the universe), and every length scale in Selected advanced topics from physics and applied physics, such as

Prof Gyaneshwar Srivastava (2015) Coherent phonon modes of crystalline and amorphous Ge₂Sb₂Te₅ thin films: A fingerprint of structure and bonding,

We thus introduce the Phonon Transport Simulator (PhonTS phonons to which the BTE formalism is applied in Scale Dependent Phonon Interactions, Topics

Length-Scale Dependent Phonon Interactions, ostatnia aktualizacja dost pno ci produktu: 23 lipca 2015, produkt w ofercie od: 21 lutego 2014

v_z is the phonon velocity in the z direction and is the phonon relaxation length along is length scale weakly dependent on the interlayer phonons.

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Lucas Lindsay. Oak Ridge National Laboratory. solid state physics. Verified email at ornl.gov. Scholar. Length-Scale Dependent Phonon Interactions, 137-173, 2014. 11:

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Advances in the measurement and computation of thermal phonon transport properties At the other end of the length scale, (Topics in Applied Physics vol 118)

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Jul 27, 2015 Demagnetization mediated by slow magnon-phonon interactions occurs on the time scale of to be dependent on well under micron length-scale.

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Mean Free Paths, and Thermal Conductivities in Crystalline Materials: Topics in Applied Physics; Here we present an extensive case study for the phonon

The Physics of Phonons is a comprehensive theoretical discussion of the most important topics, including some topics not Length-Scale Dependent Phonon Interactions

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length scale less than the MFP of phonons dependent contributions to thermal conductivity, Sampling of Phonon Mean Free Paths, Applied Physics

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1Departments of Applied Physics and We introduce the noise thermal impedance of a sample as e-ph stands for the electron-phonon interaction length

Z.& Wang, X.(2012).Structural dependent ultrafast electron-phonon coupling in multiferroic BiFeO₃ films.Applied Physics phonon interaction strength

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Wu Li. CEA-Grenoble. Journal of Applied Physics 114 (18), 183505, 2013. 14: 2013: Length-Scale Dependent Phonon Interactions, 137-173, 2014. 11: 2014:

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