

Физико-механический институт СПбПУ

Kuzkin V.A.

Acoustic transparency of the chain-chain interface

Physical Review E. – 2023. – V. 107. – P. 065004.

Liazhkov S.D., Kuzkin V.A.

Unsteady two-temperature heat transport in mass-in-mass chains

Physical Review E. – 2022. – V. 105. – P. 054145.

Krivtsov A.M., Murachev A.S.

Transition to thermal equilibrium in a crystal subjected to instantaneous deformation

Journal of Physics: Condensed Matter. – 2021. – V. 33. – P. 215403.

Korzniikova E.A., Morkina A.Y., Singh M., Krivtsov A.M., Kuzkin V.A., Gani V.A., Bebikhov Y.V., Dmitriev S.V.

Effect of discrete breathers on macroscopic properties of the Fermi-Pasta-Ulam chain

The European Physical Journal B. – 2020. – V. 93. – P. 1-9.

Berinskii I., Kuzkin V. A.

Equilibration of energies in a two-dimensional harmonic graphene lattice

Philosophical Transactions of the Royal Society A. – 2020. – V. 378. – P. 20190114.