

**Discrete breathers above phonon spectrum**

Hižnjakov, Vladimir; Haas, Mati; **Klopov, Mihhail**; Šelkan, Aleksander Letters on Materials 2016 / p. 61-72

<https://doi.org/10.22226/2410-3535-2016-1-61-72> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Localized vibrations in perfect anharmonic lattices : trapping on phonos**

Hižnjakov, Vladimir; Shelkan, A.; **Klopov, Mihhail**; Sievers, A.J. Journal of luminescence 2008 / 5/6, p. 995-997 : ill

<https://www.sciencedirect.com/science/article/abs/pii/S0022231307003316>

**Modeling of lattice heat conductivity and thermopower in SiC considering the four-phonon scattering processes**

**Velmre, Enn; Udal, Andres** Material science forum 2003 / p. 391-394 <https://www.scientific.net/MSF.433-436.391>

**Modelling of Seebeck coefficient influenced by carrier phonon drag and mixed scattering**

Milatškov, Milko BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002

/ p. 57-60 : ill

**Standing and moving discrete breathers with frequencies above the phonon spectrum**

Hižnjakov, Vladimir; Haas, Mati; Šelkan, Aleksander; **Klopov, Mihhail** Quodons in mica : nonlinear localized travelling excitations in

crystals 2015 / p. 229-245 : ill [http://dx.doi.org/10.1007/978-3-319-21045-2\\_9](http://dx.doi.org/10.1007/978-3-319-21045-2_9)

**Влияние донорной примеси на характеристики электрон-фононного взаимодействия к-центров в сульфиде кадмия**

**Krustok, Jüri**; Lõo, A.; **Piibe, Toomas** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 23-29: ill