Utilizing nanotechnology and novel materials & concepts for advanced thermoelectric and thermal management technology development*

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(Получена 12 декабря 2016 г. Принята к печати 19 декабря 2016 г.)

A review is given on some investigations to enhance ZT through very effective selective scattering of phonons from bottom-up nanostructuring methods. Novel concepts are also being utilized in an attempt to overcome the conventional tradeoff in the power factor.

DOI: 10.21883/FTP.2017.07.44662.10

^{*} XV Международная конференция "Термоэлектрики и их примене-

ния — 2016" Санкт-Петербург, 15–16 ноября 2016 г.