## The influence of lattice dynamics on the electronic spectrum of CoSb<sub>3</sub>

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**Fig 1** Electronic band structure N(E, k) averaged along molecular dynamics trajectory at 700 K. The corresponding band structure at 0 K is shown by red solid line. For clarity only several bands are presented.



Fig 2 Electronic band structure N(E, k) averaged along molecular dynamics trajectory at 500 K. Lattice paramerer was fixed at those at 300 K. The corresponding band structure at 0 K is shown by red solid line. For clarity only several bands are presented.



**Fig 3** Electronic band structure N(E, k) averaged along molecular dynamics trajectory at 700 K. Lattice paramerer was fixed at those at 300 K. The corresponding band structure at 0 K is shown by red solid line. For clarity only several bands are presented.



**Fig 4** Electronic band structure of CoSb<sub>3</sub> supercell at T= 0 K for three experimental lattice parameters (at different temperatures). For clarity only several bands are presented. Note, that energy difference between CBM1 and CBM2 increases with lattice expansion