

Ab initio calculation of phonon dispersions in semiconductors

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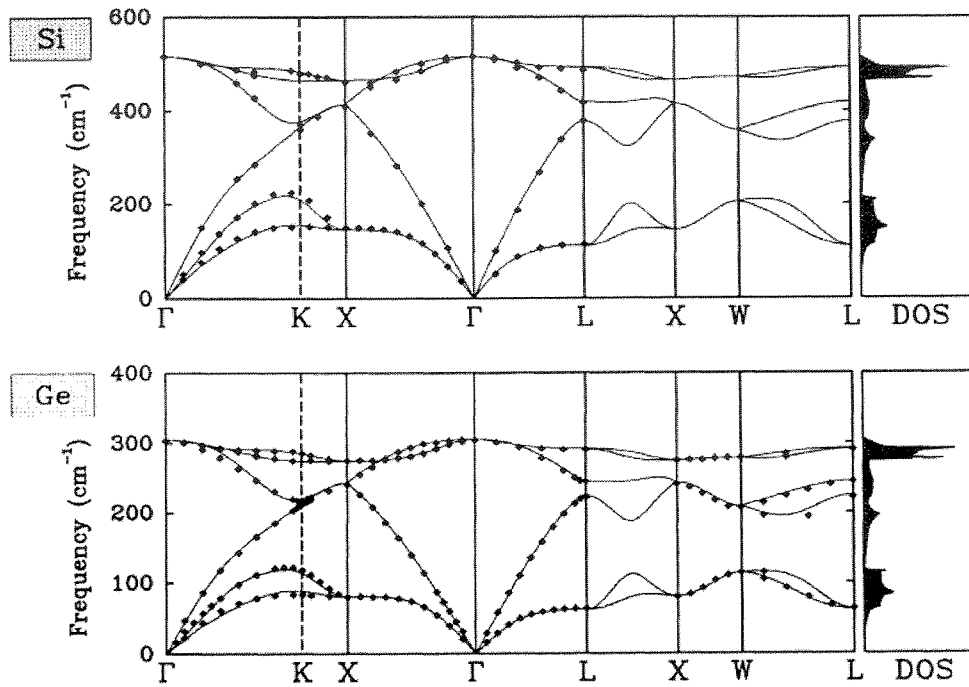


FIG. 1. Calculated phonon dispersions and densities of state of elemental semiconductors, Si and Ge. Experimental data are denoted by diamonds (from Refs. 28 and 29).