

supplemental document

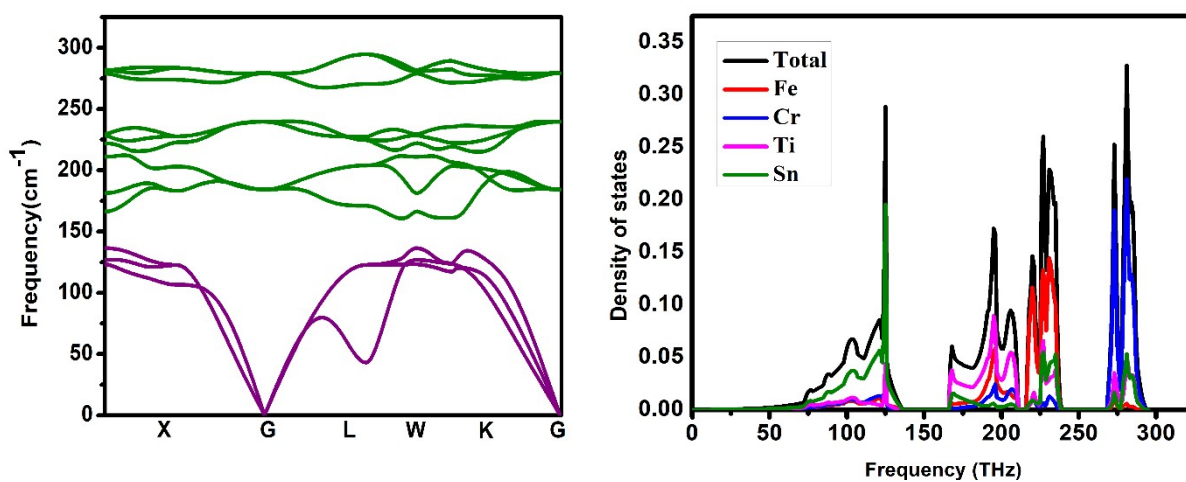


Fig 1. (a) Phonon dispersion curve and (b) total and partial density of states (DOS) of FeCrTiSn

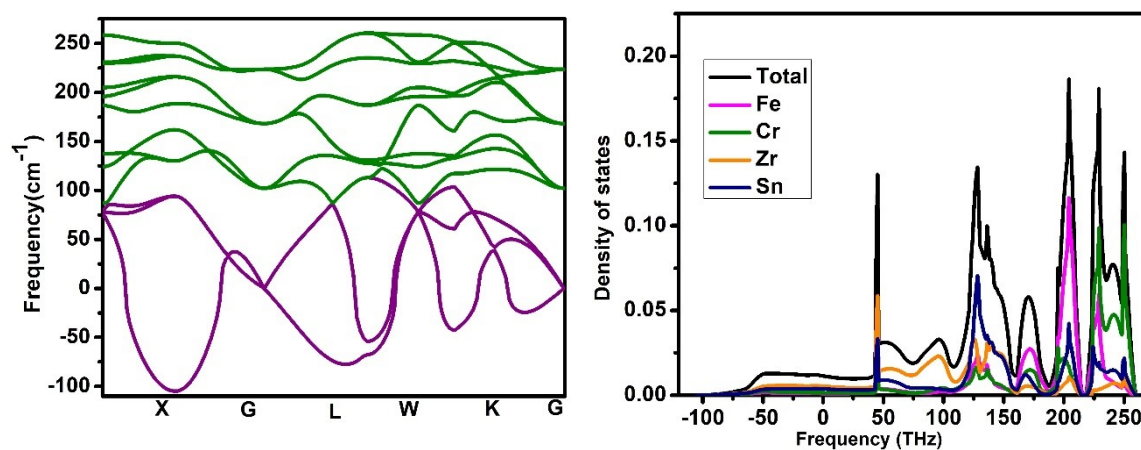


Fig 1. (b) Phonon dispersion curve and (b) total and partial density of states (DOS) of FeCrZrSn

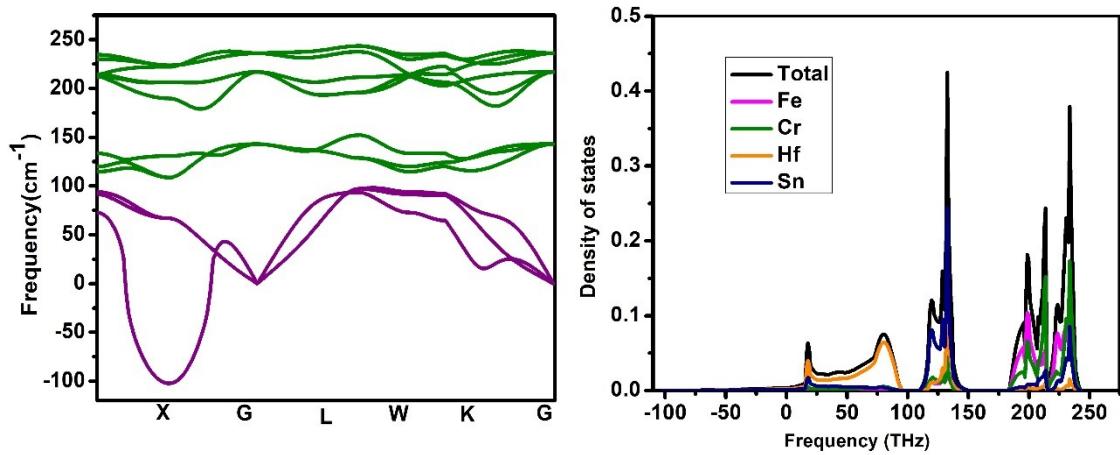


Fig 1. (c) Phonon dispersion curve and (b) total and partial density of states (DOS) of FeCrHfSn

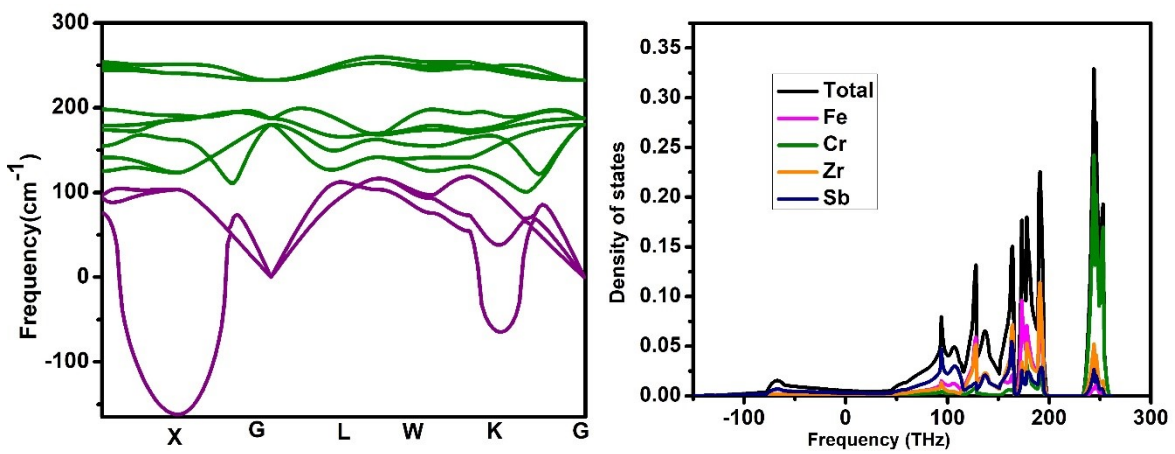


Fig 1. (d) Phonon dispersion curve and (b) total and partial density of states (DOS) of FeCrZrSb

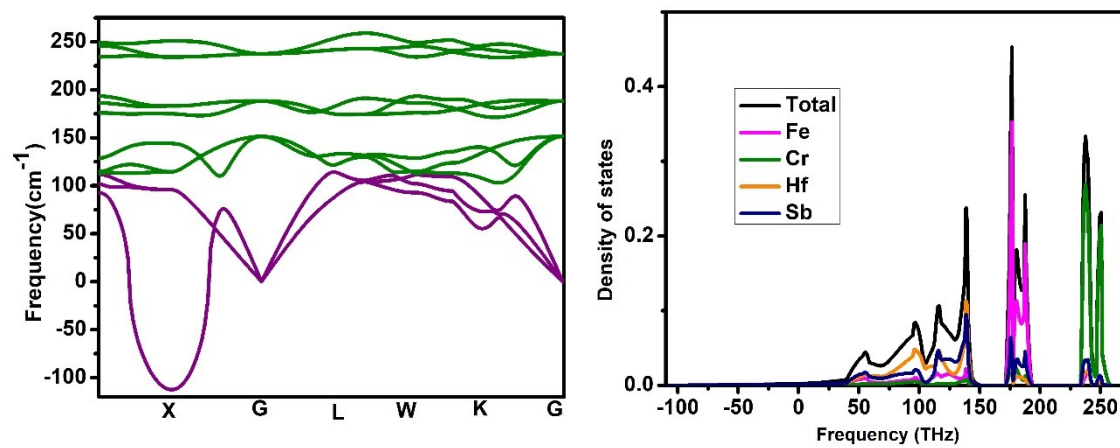


Fig 1. (e) Phonon dispersion curve and (b) total and partial density of states (DOS) of FeCrHfSb