

Supplement to "Electron-phonon coupling in ferromagnetic Fe–Co alloys from first principles"

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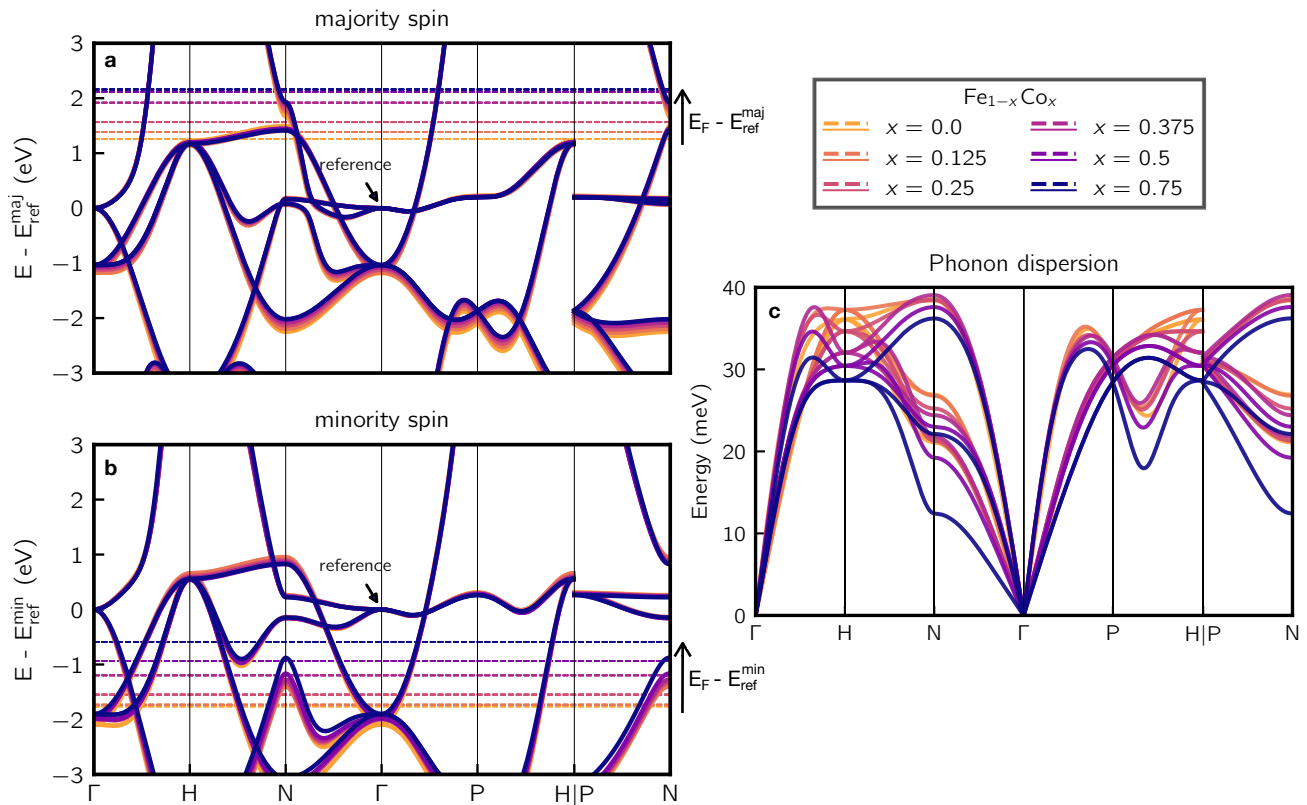


FIG. 1. Composition (x) dependence of band structures for (a) majority spin electrons, (b) minority spin electrons, and (c) the phonon dispersion. As x increases, majority and minority electronic bands rigidly shift down in energy. We align the bands for each x (solid lines) to a reference band E_{ref}^{σ} and show the changing Fermi energy with respect to the E_{ref}^{σ} (dashed lines). Phonon dispersion doesn't change significantly with composition (x).