

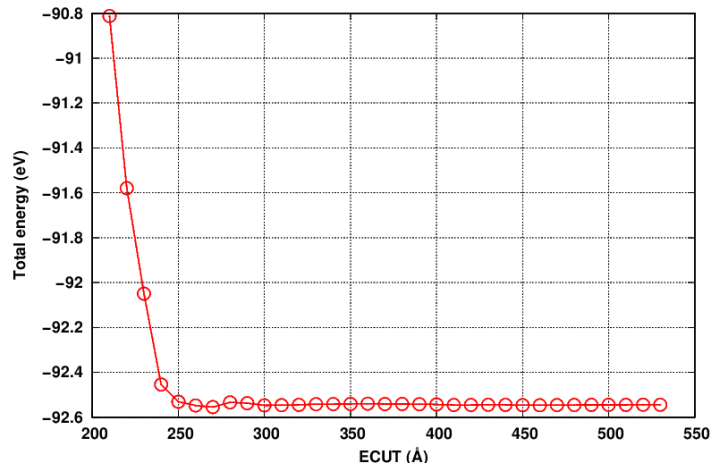
# Exploration of Structural, Mechanical, Dynamical, Thermal, Electronic, and Magnetic properties of XFeSb (X = Nb, V, Ta) Half-Heusler Compounds: First-Principles Study

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Rajendra Parajuli

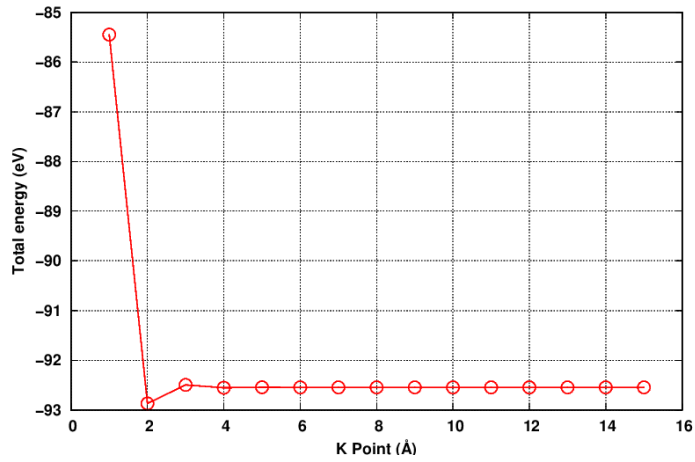
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(Om Shree Rijal and Ganesh Paudel have equal contributions)

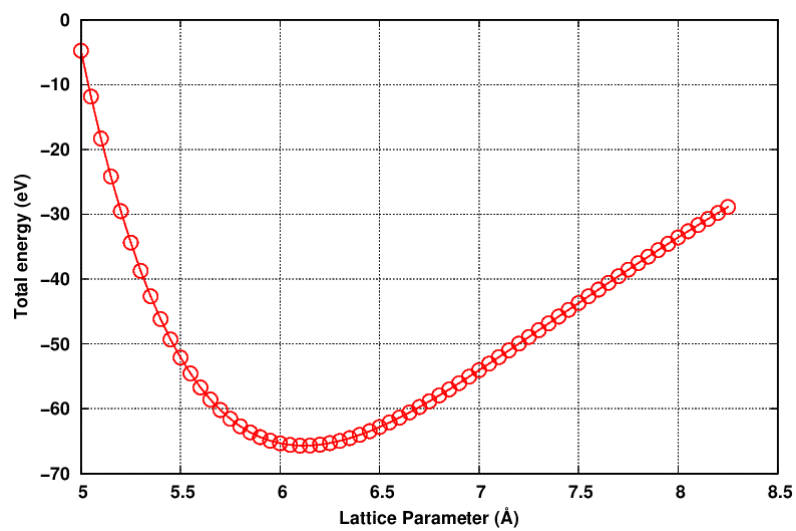
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(a)



(b)



(c)

**Figure S1: optimized curve of (a) optimized value curve of energy cutoff plot, (b) optimized value of k-points plot, and (c) optimized value of lattice parameter curve.**