

report this same 1 per cent difference in C_{11} but a 3 to 4 per cent increase in C_{44} . They also found a slight decrease in the C_{12} value of pure nickel upon magnetization whereas the results of this work indicate a significant increase. Alloying with copper appears to reduce the magnitude of this ΔE effect in nickel as is shown by the convergence of the magnetized and unmagnetized curves at the boundary of the ferromagnetic region.

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