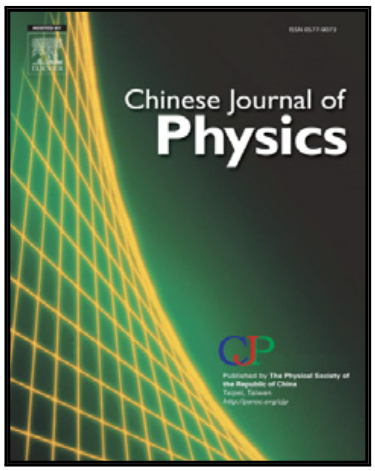

Spin waves in superlattice nanowires formed by two different ferromagnetic materials

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Highlights

- The spin-wave dispersion equations in a ferromagnetic superlattice nanowire are studied.
- The number of spin-wave branches is explained by the set of all symmetry operations.
- The influence of the exchange couplings on the spin-wave frequencies are clarified.