Accepted Manuscript

Spin waves in superlattice nanowires formed by two different ferromagnetic materials

V.A. Tanriverdiyev

 PII:
 S0577-9073(16)30631-1

 DOI:
 10.1016/j.cjph.2017.02.022

 Reference:
 CJPH 245

To appear in: Chinese Journal of Physics

Received date:11 October 2016Accepted date:26 February 2017

Please cite this article as: V.A. Tanriverdiyev, Spin waves in superlattice nanowires formed by two different ferromagnetic materials, *Chinese Journal of Physics* (2017), doi: 10.1016/j.cjph.2017.02.022

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



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.

Download English Version:

https://daneshyari.com/en/article/5488333

Download Persian Version:

https://daneshyari.com/article/5488333

Daneshyari.com