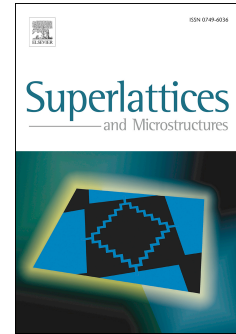


# Accepted Manuscript

Magnetic properties of a nanoribbon: An effective-field theory

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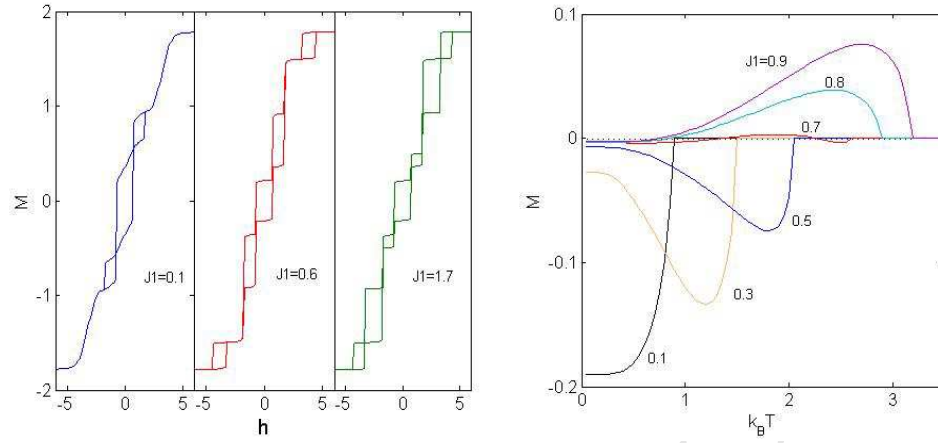
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Hysteresis loop and magnetization of the core-shell nanoribbon have been examined by the effective-field theory with correlations.



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