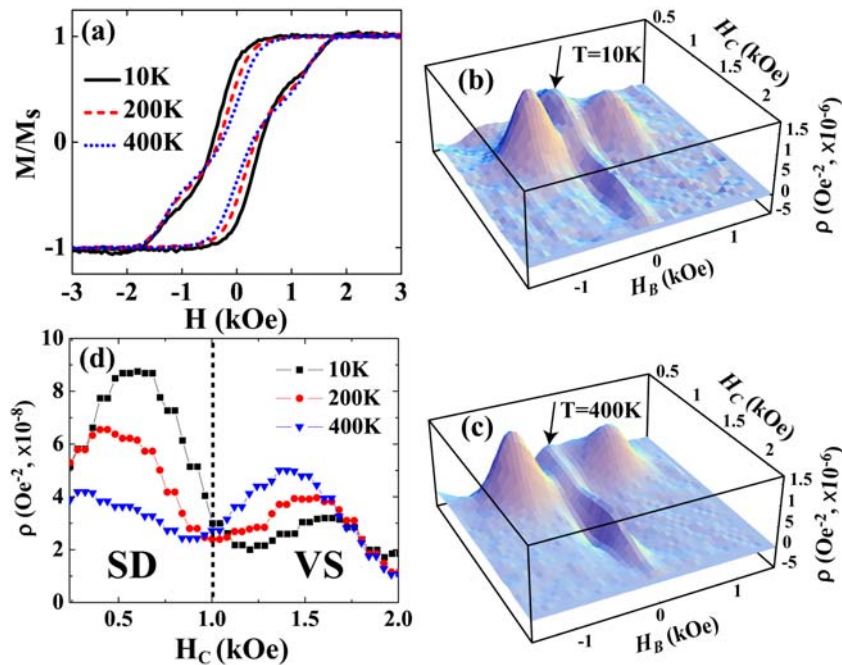


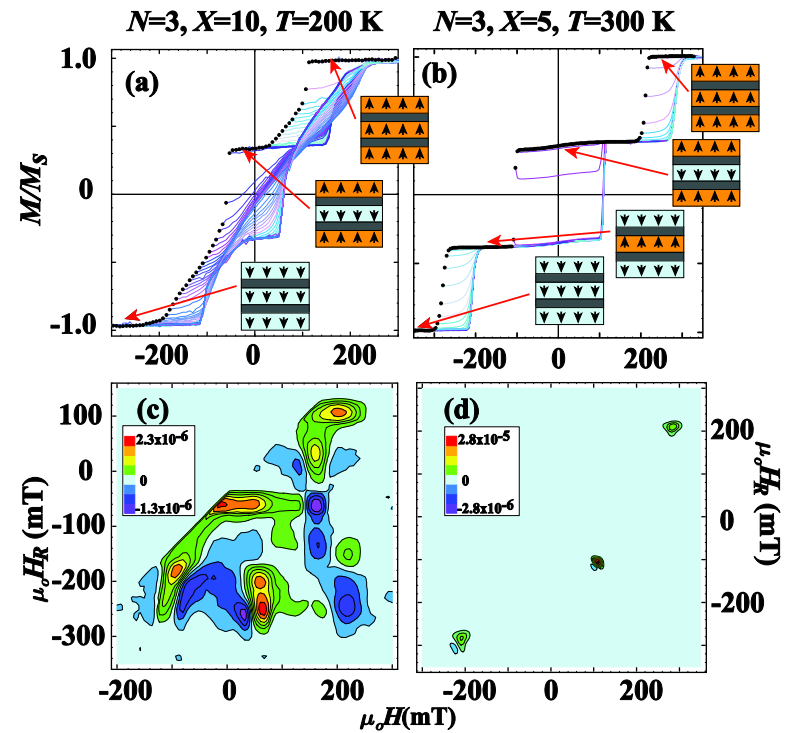
Magnetization Reversal in Magnetic Nanostructures

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Arrays of Fe nanodots



(Co/Pt)Ru multilayers



- Captured temperature-induced single domain - vortex state transition
- Qualitative and quantitative determination of fraction of dots in single domain vs vortex state.

Appl. Phys. Lett. **91**, 202501 (2007).
J. Appl. Phys. **103**, 07C518 (2008).

- Investigated temperature-dependent magnetization reversal modes
- Laterally and vertically correlated reversal can be tuned by magnetic field cycling and temperature

Phys. Rev. B **77**, 014421 (2008).