

New Directions in Magnetic Films Research*

S. D. Bader
Materials Science Division
Argonne National Laboratory

Abstract:

Recent experimental efforts at Argonne will be highlighted with an emphasis on (i) artificially layered superlattices - including new 'spring' magnet structures; and (ii) naturally layered manganites - to extend the dialogue on magnetoresistance to include issues of dimensionality.

* Work supported by USDOE-BES/MS under Contract no. W-31-109-ENG-38.