

The Influence of Patterning on Co/Pd Multilayer Structures

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Introduction: We have fabricated multilayers of Co/Pd using a laser assisted organometallic chemical vapor deposition (OMCVD) technique. Two types of samples were studied: continuous and patterned films made of identical “square-like” features with $20 \times 20 \mu\text{m}^2$ dimensions. Hysteresis loops obtained for the two samples are different, indicating that patterning on the micron scale has a substantial influence on the magnetic properties of the films.

