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## [836] Electroless Deposition of Magnetic Materials on Three-Dimensional Nanostructures

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Extending magnetic structures to the third dimension can lead to new properties such as magnetochi-rality effects and high data storage densities [1]. For the fabrication of three-dimensional magnetic nanostructures, suitable deposition methods need to be developed, as techniques such as sputtering lead to significant shadowing effects [2]. Here, we present the electroless deposition of NiFe on a 3D-printed, non-conductive architecture, where homogeneous layers covering the whole framework are achieved. This new technique represents a step towards the experimental realisation of 3D magnetic nanostructures.

[1] Fernández-Pacheco, A., et al., Nat. Comm., 2017.

[2] Donnelly, C., et al., Phys. Rev. Lett., 2015.

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