

Dynamic Behaviors of Exchange Spiral in Fe/CoO Bilayers with Strong Interfacial Exchange Coupling Yuanfei Fan, Hongyue Xu, Tong Wu, Yizheng Wu* Physics department, Fudan University, Shanghai, China

Introduction

> Exchange-coupling-induced uniaxial anisotropy in Fe/CoO



> Magnetic exchange springs



A. Frisk, et al. Phys. Rev. Applied (2023)





M. Dabrowski, et al. New J. Phys. (2021)



by micromagnetic simulation.



Exchange spiral appears in the system with interfacial anisotropy.

\succ The FMR spectra and the spin wave excitation modes of spiral with

different structures were calculated.