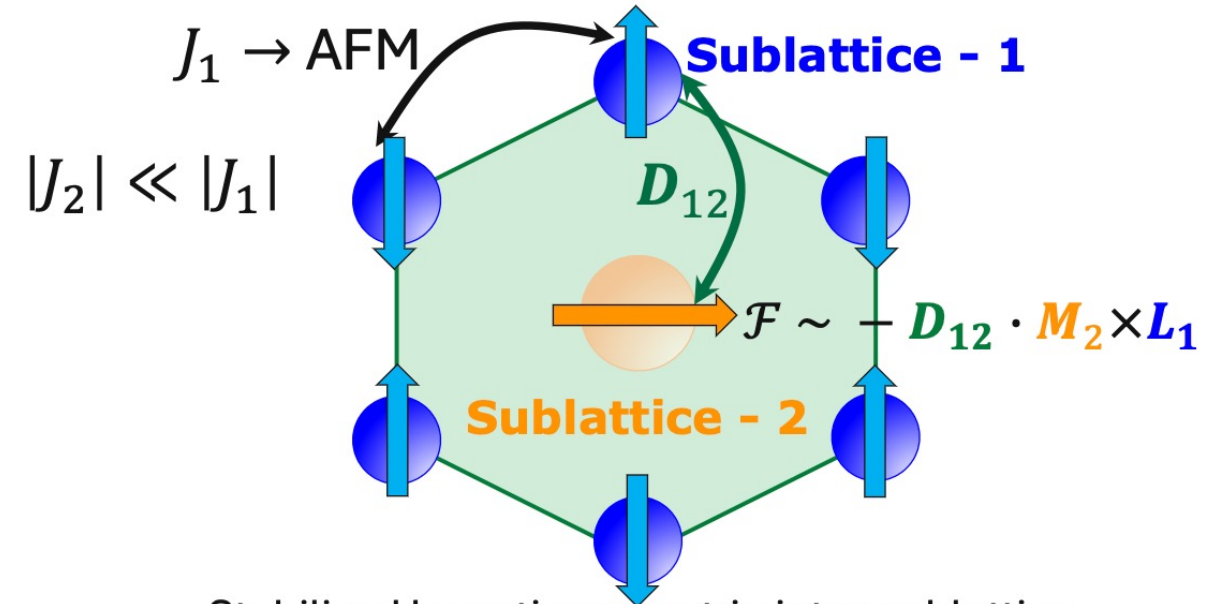
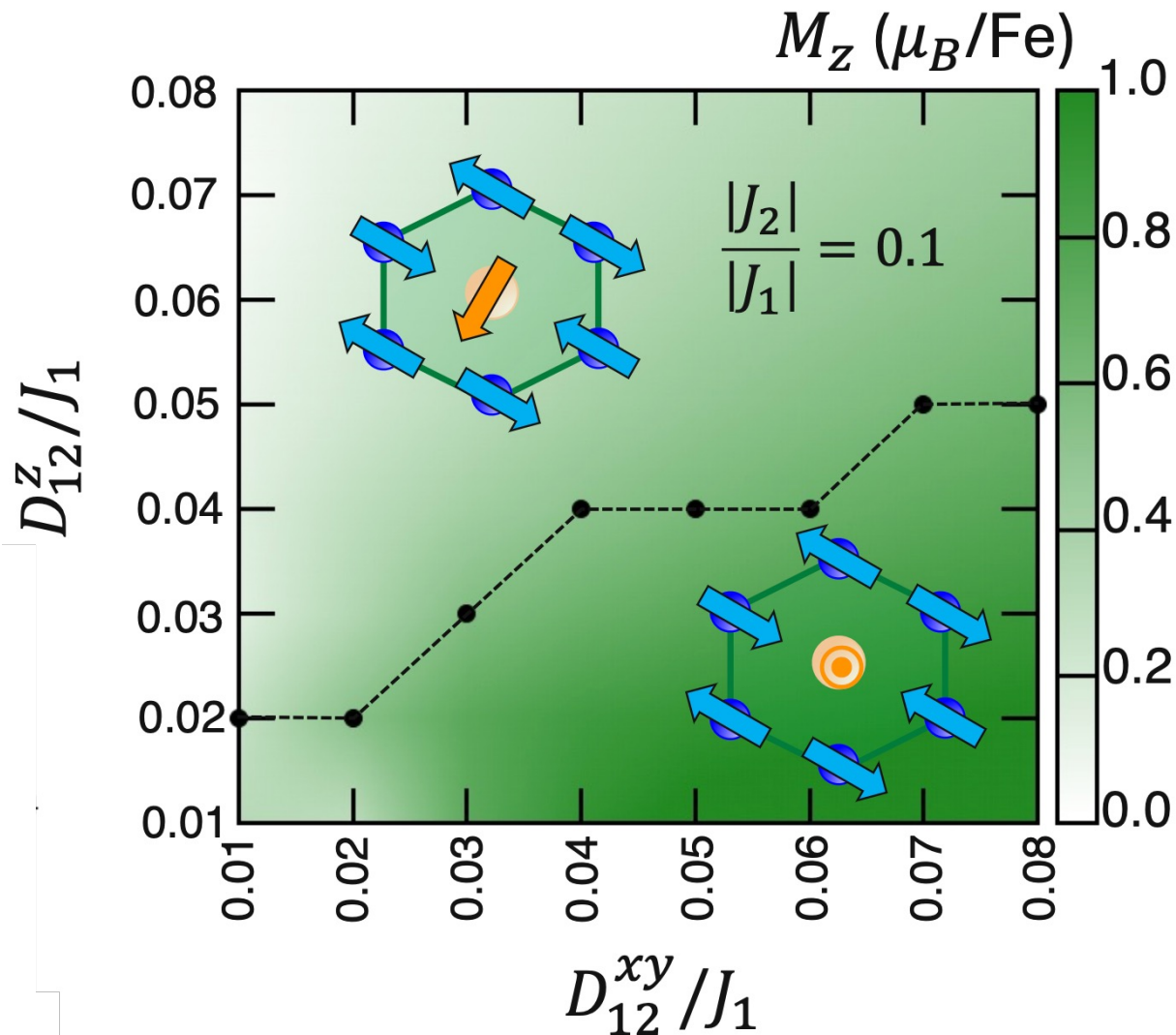


Proposed Dzyaloshinskii–Moriya interaction (DMI) driven strong magnetism and Spin-Reorientation transitions



Stabilized by anti-symmetric inter-sublattice
 "Dzyaloshinskii-Moriya" interactions $\rightarrow$ Non-collinear
 ferrimagnetic phase with considerably high magnetization M

