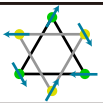
Mangetic Structure	Example	Magnetic order	Spin-Splitting?	Spin-Splitting without SOC?
Ferromagnet	Fe		Yes	Yes
Collinear Compensated Magnets	NiO		No	/
	MnS_2		Yes	No
	CuMnAs		No	/
	MnTe		Yes	Yes
Non-collinear Compensated Magnets	Mn_3X (X= Sn Ge, Ir, Pt)		Yes	Yes
	Helimagnet		Yes	Yes
Non-magnet	Non-centro symmetric lattice	/	Yes	No (Rashba, Weyl ... SOC)

represent spin up and down,

represent surrounding non-mangetic atoms

 represent two different local environment for spin