


Supplementary Materials: Evolution of the Chern Gap in Kagome Magnet $\text{HoMn}_6\text{Sn}_{6-x}\text{Ge}_x$

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1. 3D Chern Analysis

The dotted lines indicated fractional charges of $\mathbb{C}_{\mathcal{F}} = \frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$, respectively.

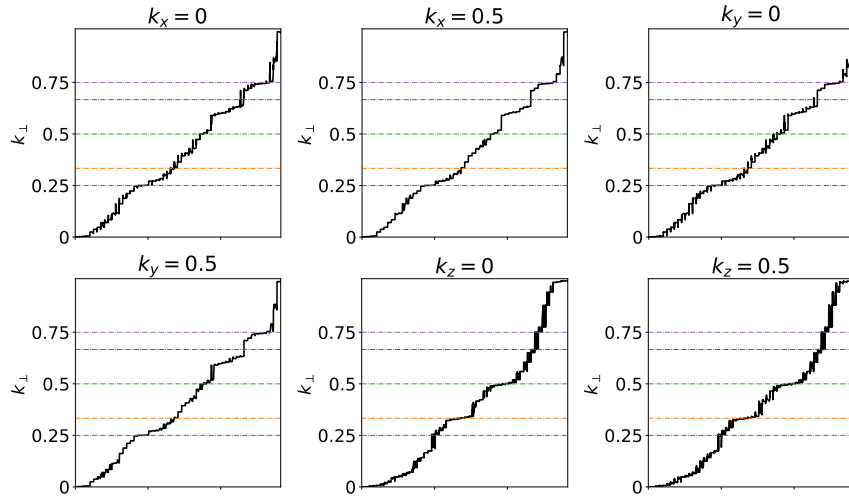


Figure S1. 3D Chern: HoMn_6Sn_6

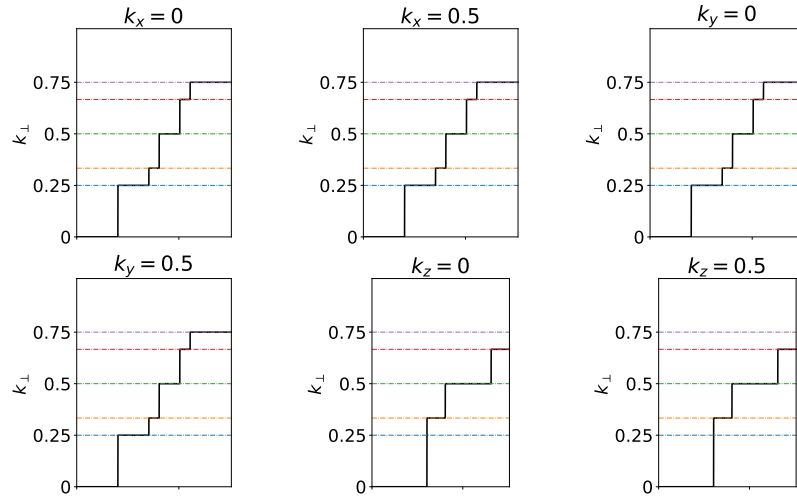


Figure S2. 3D Chern: $\text{HoMn}_6\text{Sn}_4\text{Ge}_2$

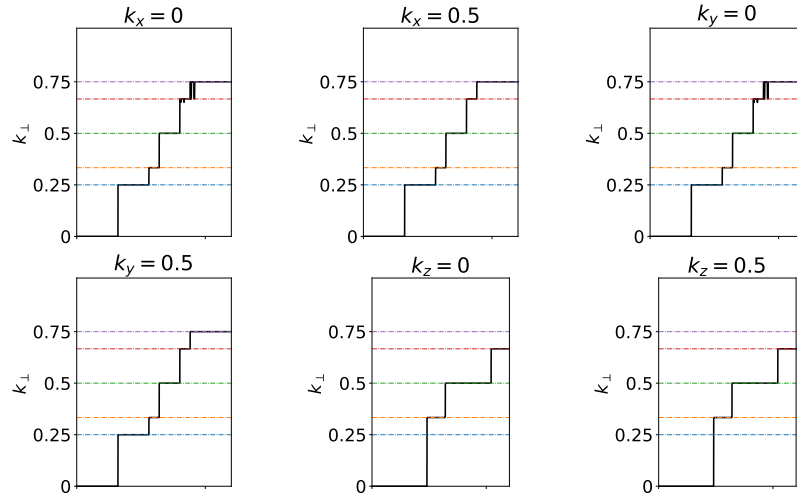


Figure S3. 3D Chern: $\text{HoMn}_6\text{Sn}_2\text{Ge}_4$

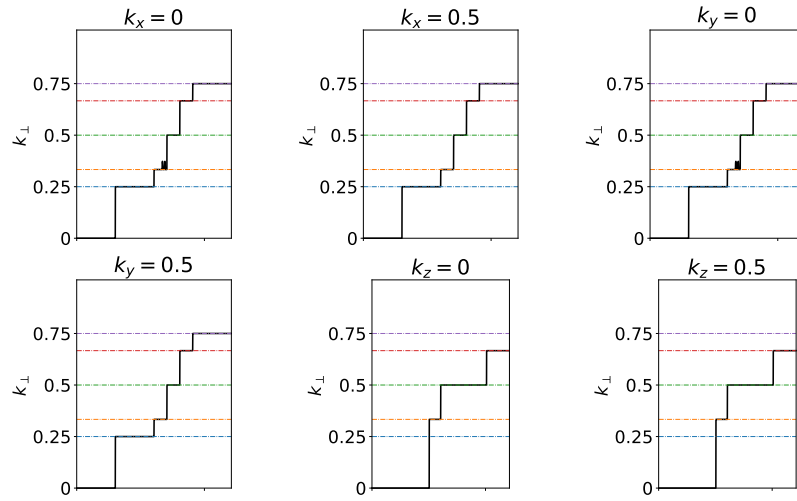


Figure S4. 3D Chern: HoMn_6Ge_6