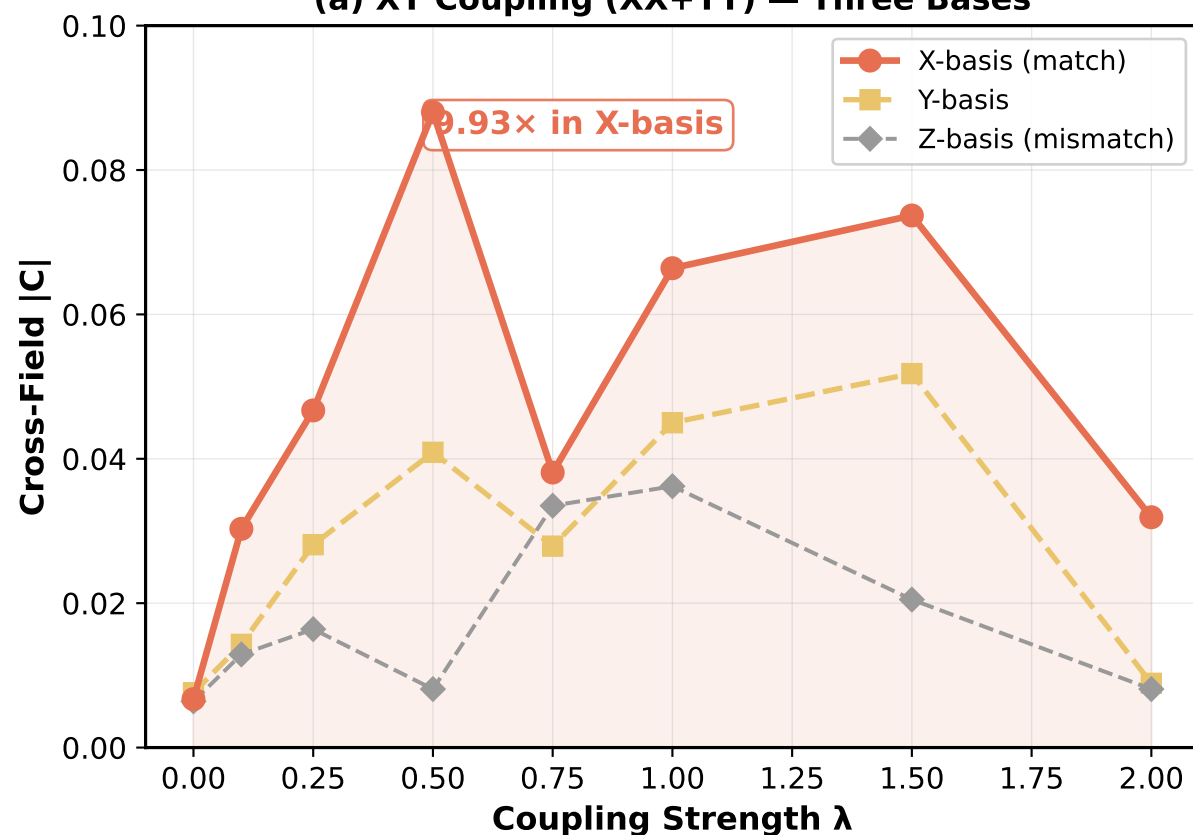


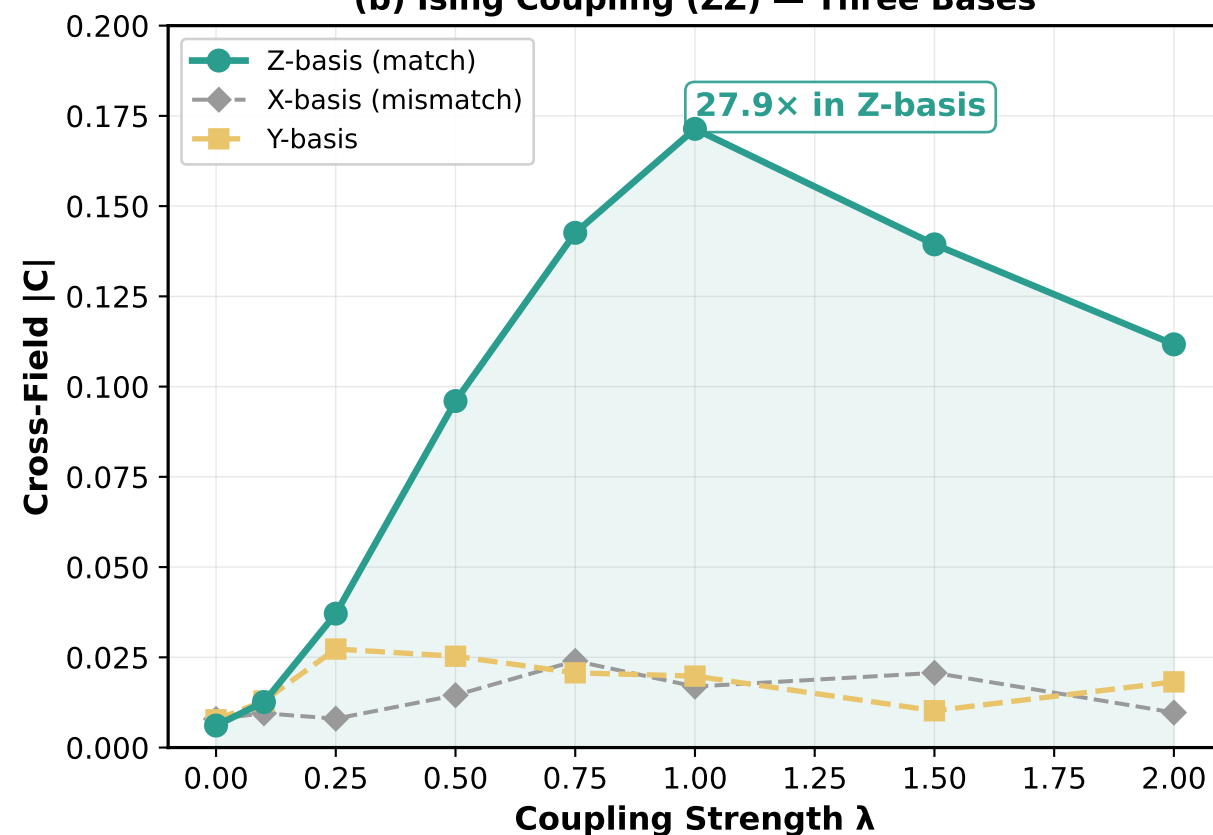
Basis-Dependent Emergent Geometry: Measurement Must Match Coupling

Andrew Thurlow · 528 Labs · IBM Torino

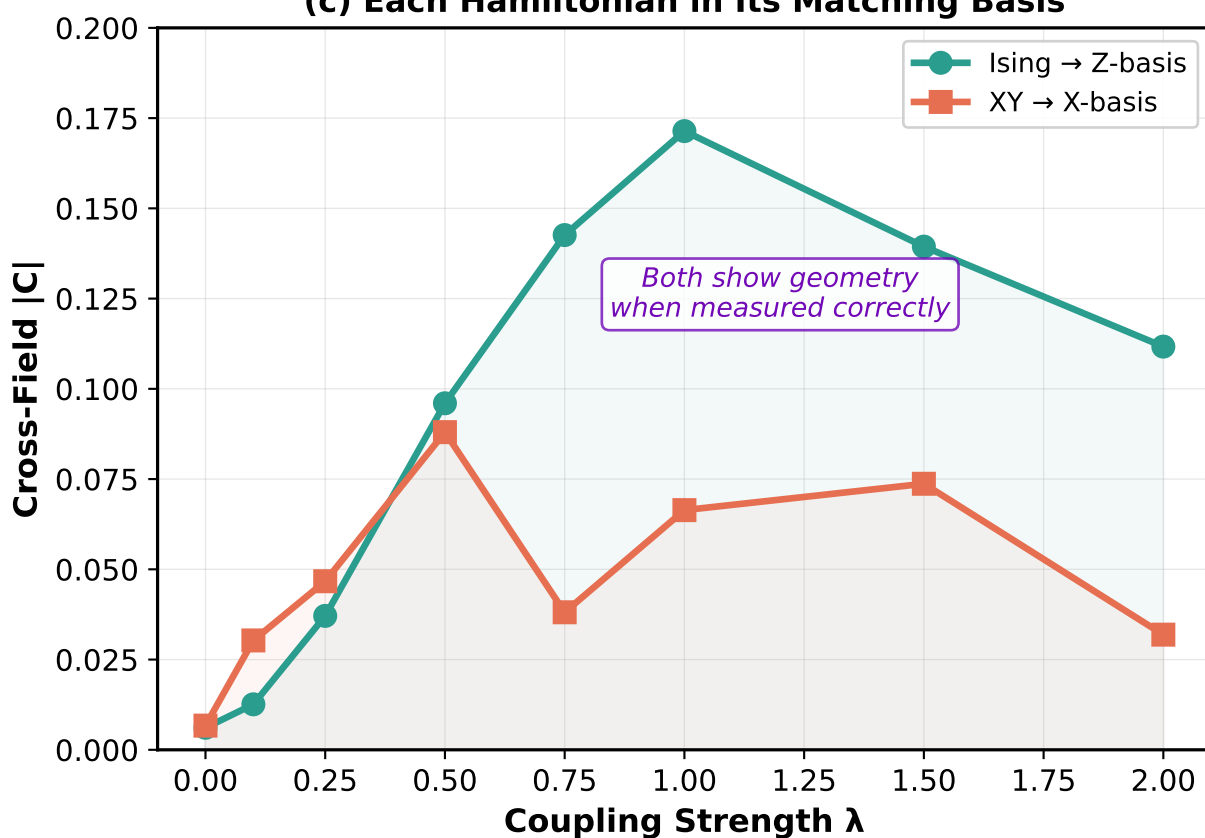
(a) XY Coupling (XX+YY) — Three Bases



(b) Ising Coupling (ZZ) — Three Bases



(c) Each Hamiltonian in Its Matching Basis



(d) Geometry Requires Matching Basis

