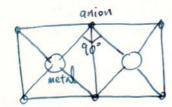
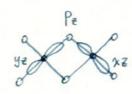
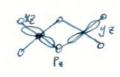
Toward realizing quantum spin liquid phases

Necessary condition 1: edge-sharing geometry







Necessary condition 2: J=1/2 physics

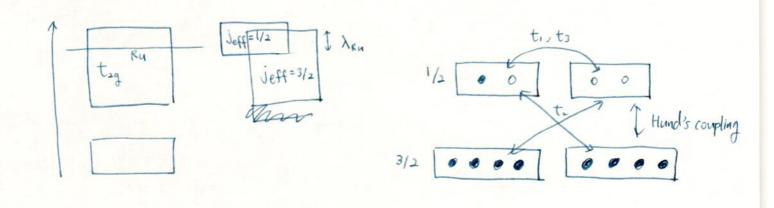
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a-Li, IrO3

stacked 20 honeyomb

P - Liz Ir O3

30 hyper-honeycomb

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Further theoretical studies for the T-driven phase is needed.