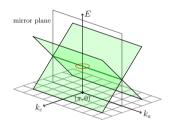
## Selective Phonon Damping in Topological Semimetals\*

Jacob S. Gordon<sup>1</sup>

Hae-Young Kee<sup>1,2</sup>

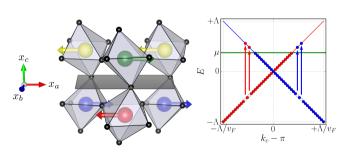




Side surface states and bulk nodal ring in  ${\rm SrIrO_3}$ 

Probe to distinguish surface from bulk?

Damping of mirror-odd optical phonons at the zone centre



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Department of Physics, University of Toronto

<sup>&</sup>lt;sup>2</sup> Canadian Institute for Advanced Research, CIFAR Program in Quantum Materials