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## Selection Rules in HHG: Unified Microscopic-macroscopic Group Theory and Observation of New Selection Rules

*Wednesday 3 July 2019 18:00 (2 hours)*

We formulate a general theory for selection rules in HHG that accounts for both microscopic and macroscopic symmetries of the light-matter interaction. We demonstrate experimentally selection rules of new symmetries, including elliptic and multi-scale.

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