## On the Integer-antimagic Spectra of Hamiltonian Graphs

Richard M. Low<sup>\*</sup>, San Jose State University Ugur Odabasi, Istanbul University Daniel Roberts, Illinois Wesleyan University Jinze Zheng, Illinois Wesleyan University

Let A be a nontrival abelian group. A connected simple graph G = (V, E) is A-antimagic if there exists an edge labeling  $f : E(G) \to A \setminus \{0\}$  such that the induced vertex labeling  $f^+ : V(G) \to A$ , defined by  $f^+(v) = \sum_{uv \in E(G)} f(uv)$ , is injective. The integer-antimagic spectrum of a graph G is the set IAM $(G) = \{k \mid G \text{ is } \mathbb{Z}_k\text{-antimagic and } k \geq 2\}$ . In this talk, we analyze the integer-antimagic spectra of Hamiltonian graphs.

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