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Robert Harron* (rharron@math.hawaii.edu), Department of Mathematics, University of Hawai'i at Mānoa, 2565 McCarthy Mall (Keller Hall 401A), Honolulu, HI 96822. *Iwasawa theory of symmetric powers of modular forms.*

Symmetric powers of modular forms have proved to be a fertile subject for exploring the arithmetic of Galois representations beyond $GL(2)$. We will discuss some recent results in the Iwasawa theory of symmetric powers of modular forms. (Received September 09, 2014)