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Recent progress in positive rank Iwasawa theory

Many of the earliest results in the Iwasawa theory of elliptic curves and modular forms relied heavily on the finiteness of the relevant Selmer groups. In many natural settings, however, the relevant Selmer groups are not finite. In this talk, we will give a brief survey of some of the recent progress that has been made in generalizing classical results in Iwasawa theory to the positive rank setting.