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Savana Ammons, Young Jin Kim, Laura Seaberg and Holly Swisher*
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Andrews' k -marked Durfee symbols, which generalize partitions, have been widely studied from both a combinatorial and automorphic forms perspective. In particular, there have been many interesting and motivating results establishing modularity properties for multivariate rank generating functions for these objects. Here, we define an analog of k -marked Durfee symbols which generalize strongly unimodal sequences. We establish a multivariate rank generating function for these objects, and prove some partition-theoretic results which mirror Andrews' original work with k -marked Durfee symbols. We conclude with some questions about potential modularity properties.

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