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Recent progress on super harmonics

Super harmonics SH_n are anti-commuting variants of diagonal harmonics. The space SH_n is a symmetric group module whose dimension is conjectured to be counted by ordered set partitions. It is also conjectured by Zabrocki (arXiv:1902.08966) to yield a representation theoretic interpretation in superspace of the Delta Theorem at $t = 0$. In this talk, we introduce a conjectured basis informed by a bijection on packed words and discuss some recent progress.