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## New Software for Analytic Combinatorics by Stephen Melczer

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**Abstract.** This talk surveys some recently developed software for analytic combinatorics, including an extension to the Sage `ore_algebra` package for the asymptotics of P-recursive sequences with explicit error terms (used for certifying sequence positivity), and the new `sage_acsv` package for rigorous multivariate asymptotics using the tools of Analytic Combinatorics in Several Variables (ACSV).