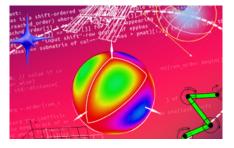
**Computer Algebra for Functional Equations in Combinatorics and Physics** 



ID de Contribution: 23

Type: Non spécifié

## New Software for Analytic Combinatorics by Stephen Melczer

mardi 5 décembre 2023 15:00 (1 heure)

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).