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Koepf, Wolfram

Software for the algorithmic work with orthogonal polynomials and special functions. (English)

ETNA, Electron. Trans. Numer. Anal. 9, 77-101, electronic only (1999). [ISSN 1068-9613]

<http://www.emis.de/journals/ETNA/vol.9.1999/pp77-101.dir/pp77-101.html>

An overview of *Maple* routines that can be used for hypergeometric and basic hypergeometric series with some discussion of how and why they work.

David M.Bressoud (Saint Paul)

Classification:

- **33-02** Research monographs (special functions)
- **33C45** Orthogonal polynomials and functions of hypergeometric type
- **11B37** Recurrences
- **34A30** Linear ODE and systems
- **33C20** Generalized hypergeometric series
- **68W30** Symbolic computation and algebraic computation