

PUBLICATIONS OF DORON ZEILBERGER

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This list, as well as most of the papers published after 1990, are available at <http://www.math.rutgers.edu/~zeil>

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2. *Uniqueness Theorems for Harmonic Functions of Exponential Growth*, Proc. Amer. Math. Soc. **61**, 335-340 (1976).
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5. (With H.Dym) *Further properties of Discrete Analytic Functions*, J. Math. Anal. Appl. **58**, 405-418 (1977).
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8. *A discrete analog of the Paley-Wiener theorem in a half plane*, J. Australian Math. Soc. (Series A) **23**, 376-378 (1978).
9. *A new proof of Ehrenpreis's semi-local Quotient Structure Theorem*, Amer. J. Math. **100**, 1317-1332 (1978).
10. *The Pompeiu problem for discrete space*, Proc. Natl. Acad. Sci. **75**, 3555-3556 (1978).
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20. (With D. Bressoud) *A short Rogers-Ramanujan bijection*, Discrete Math. **38**, 313-315 (1982).
21. *A combinatorial proof of Dyson's conjecture*, Discrete Math. **41**, 317-321 (1982).
22. (With S. R. Caplan) *T. L. Hill's graphical method for solving linear equations*, Advances in Appl. Math. **3**, 377-383 (1982).
23. (With L. Shapiro) *A Markov chain occurring in Enzyme Kinetics*, J. Math. Biology **15**, 351-357 (1982).
24. (With J. Gillis) *A direct combinatorial proof of a positivity result*, European J. Comb. **4**, 221-223 (1983).
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27. *A combinatorial proof of Newton's identities*, Discrete Math. **49**, 319 (1984).
28. *A short hook-length bijection inspired by the Greene-Nijenhuis-Wilf proof*, Discrete Math. **51**, 101-108 (1984).
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BOOK REVIEWS

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Ph.D. Thesis

“New Approaches and Results in the Theory of Discrete Analytic Functions”, Weizmann Institute of Science, Revovot. Israel, Aug. 1976. Advisor: Harry Dym.