

**God May or May Not Exist, Infinity May or May Not Exist
But there is no Place in Mathematics for Neither God nor Infinity**

Doron ZEILBERGER

Introduction

Fifteen years ago, I had my fifteen minutes of fame (in fact less than three minutes) when I participated in the BBC documentary [C] and uttered the words in the title. I had the minority view, and I was asked to participate mainly for *comic relief*, but I really meant these words.

My aversion to everything infinite started much earlier, and for many years I was comfortable enough with the ‘smallest infinity’, $\aleph_0$, that of the natural numbers. Already as a student I disliked the next-in-line, the infinity of the real numbers.

References

[C] Stephen Cooter (director), *To Infinity and Beyond*, BBC documentary, aired Feb 10, 2010.

[Z1] Doron Zeilberger, “*Real*” *Analysis is a Degenerate Case of Discrete Analysis*, in: “New Progress in Difference Equations”, edited by Bernd Aulbach, Saber Elaydi, and Gerry Ladas, (Proc. ICDEA 2001), Bernd Aulbach, ed., Taylor and Frances, London.

<https://sites.math.rutgers.edu/~zeilberg/mamarim/mamarimPDF/real.pdf> .

[Z2] Doron Zeilberger, *An Enquiry Concerning Human (and Computer!) [Mathematical] Understanding*, in: C.S. Calude, ed., “Randomness & Complexity, from Leibniz to Chaitin” World Scientific, Singapore, 2007, 383-410.

<https://sites.math.rutgers.edu/~zeilberg/mamarim/mamarimPDF/enquiry.pdf>

[Z3] Doron Zeilberger, *What is Mathematics and What Should it Be*, in: Humanizing Mathematics and its Philosophy Essays Celebrating the 90th Birthday of Reuben Hersh, edited by Bharath Sriraman, Birkhauser/Springer, 2017.

Shalosh B. Ekhad, c/o D. Zeilberger, Department of Mathematics, Rutgers University (New Brunswick), Hill Center-Busch Campus, 110 Frelinghuysen Rd., Piscataway, NJ 08854-8019, USA.
Email: ShaloshBEkhad at gmail dot com .

Doron Zeilberger, Department of Mathematics, Rutgers University (New Brunswick), Hill Center-Busch Campus, 110 Frelinghuysen Rd., Piscataway, NJ 08854-8019, USA.
Email: DoronZeil at gmail dot com .