A constant term identity featuring the ubiquitous (and mysterious) Andrews-Mills-Robbins-Rumsey numbers1,2,7,42,429, ...

by Doron Zeilberger

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My consolation prize for being beaten by George Andrews in the race to prove the TSSCPP conjecture.

Note Added Aug. 2, 1999: This is the original uncensored version, containing an epilogue that was not published in the published version that appeared in JCT(A), following a request of George Andrews, who was the editor that was in charge.

Another Note: Christian Krathenthaler has proved all the conjectures in this article, but failed to earn the prize, since he "cheated" and used the determinant-evaluation methodology rather than the constant-term methodlogy.

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