Publications of Ira M. Gessel


43. The Tutte polynomial of a graph, depth-first search, and simplicial complex partitions (with Bruce Sagan), Electronic J. Combinatorics 3, No. 2, Foata Festschrift (1996), R9 (36 pages).


58. The polynomial part of a restricted partition function related to the Frobenius problem (with Matthias Beck and Takao Komatsu), Electronic J. Combinatorics 8 (2001), No. 1, N7 (5 pages).


63. On Miki’s identity for Bernoulli numbers, J. Number Theory 110 (2005), 75–82.


67. A combinatorial interpretation of the numbers \(6(2n)!/n!(n + 2)!\) (with Guoce Xin), J. Integer Seq. 8 (2005), no. 2, Article 05.2.3, 13 pp.


69. A refinement of Cayley’s formula for trees (with Seunghyun Seo), Electronic J. Combin. 11, no. 2 (2004–6), R27.


73. Three proofs and a generalization of the Goulden-Litsyn-Shevelev conjecture on a sequence arising in algebraic geometry (with Brian Drake and Guoce Xin), J. Integer Seq. 10 (2007), Article 07.3.7.

74. The joint distribution of descent and major index over restricted sets of permutations (with Sylvie D. Corteel, Carla Savage, and Herbert S. Wilf), Annals of Combinatorics 11 (2007), 375–386.


77. The sum $16^n \sum_{k=0}^{2n} 4^k \binom{\frac{1}{2}}{k} \binom{-\frac{1}{2}}{k} \binom{-2k}{2n-k}$: a third proof of its closed form (with Peter J. Larcombe), Util. Math. 80 (2009), 59–63.


79. Note on enumeration of partitions contained in a given shape (with Nicholas Loehr), Linear Algebra Appl. 432 (2010), 583–585.


86. Compositions and Fibonacci identities (with Ji Li), Journal of Integer Sequences 16 (2013), Article 13.4.5.


98. Schur positivity and labeled binary trees (with Sean Griffin and Vasu Tewari), Sémin. Lothar. Combin. 78B (2017), Art. 73, 12 pp.


