

## Michael Filaseta's Research Publications:

- [1] Michael Filaseta, Mark Kozek, Charles Nicol and John Selfridge, *Composites that remain composite after changing a digit*, submitted.
- [2] Pradipto Banerjee and Michael Filaseta, *On a polynomial conjecture of Pál Turán*, Acta Arithmetica, to appear.
- [3] Dan Baczkowski, Michael Filaseta, Florian Luca and Ognian Trifonov, *On values of  $d(n!)/m!$ ,  $\phi(n!)/m!$  and  $\sigma(n!)/m!$* , submitted.
- [4] Michael Filaseta, Travis Kidd and Ognian Trifonov, *Laguerre polynomials with Galois group  $A_m$  for each  $m$* , submitted.
- [5] Michael Bennett, Michael Filaseta and Ognian Trifonov, *On the factorization of consecutive integers*, Journal für die reine und angewandte Mathematik (Crelle's Journal), to appear.
- [6] Michael Bennett, Michael Filaseta and Ognian Trifonov, *Yet another generalization of the Ramanujan-Nagell equation*, Acta Arith. 134 (2008), 211–217.
- [7] Michael Filaseta, Carrie Finch and Mark Kozek, *On powers associated with Sierpinski numbers, Riesel numbers and Polignac's conjecture*, Journal of Number Theory 128 (2008), 1916–1940.
- [8] Michael Filaseta, Andrew Granville and Andrzej Schinzel, *Irreducibility and greatest common divisor algorithms for sparse polynomials*, Number Theory and Polynomials (ed. James McKee and Chris Smyth), LMS Lecture Note Series 352, Cambridge Univ. Press, 2008, pp. 155–176.
- [9] Michael Filaseta, Carrie Finch and J Russell Leidy, *T. N. Shorey's influence in the theory of irreducible polynomials*, Diophantine Equations (ed. N. Saradha), Narosa Publ. House, New Delhi, 2008, pp. 77–102.
- [10] Michael Filaseta, Florian Luca, Pantelimon Stănică, and Robert Underwood, *Galois groups of polynomials arising from circulant matrices*, Journal of Number Theory 128 (2008), 59–70.
- [11] Michael Filaseta, Florian Luca, Pantelimon Stănică, and Robert Underwood, *Two Diophantine approaches to the irreducibility of certain trinomials*, Acta Arithmetica 128 (2007), 149–156.
- [12] Michael Filaseta, Angel Kumchev and Dima Pasechnik, *On the irreducibility of a truncated binomial expansion*, Rocky Mountain J. Math. 37 (2007), 455–464.
- [13] Michael Filaseta, Kevin Ford, Sergei Konyagin, Carl Pomerance and Gang Yu, *Sieving by large integers and covering systems of congruences*, Journal of the AMS, 20 (2007), 495–517.
- [14] Michael Filaseta, Carrie Finch, and Charles Nicol, *On three questions concerning 0, 1-polynomials*, Journal de Théorie des Nombres de Bordeaux, 18 (2006), 357–370.

- [15] Michael Filaseta and Douglas B. Meade, *Irreducibility testing of lacunary 0, 1-polynomials*, J. Algorithms, 55(1):21–28, 2005.
- [16] Michael Filaseta and Manton Matthews, Jr., *On the irreducibility of 0, 1-polynomials of the form  $f(x)x^n + g(x)$* , Colloq. Math., 99(1):1–5, 2004.
- [17] Martha Allen and Michael Filaseta, *A generalization of a third irreducibility theorem of I. Schur*, Acta Arith., 114(2):183–197, 2004.
- [18] Michael Filaseta and Andrzej Schinzel, *On testing the divisibility of lacunary polynomials by cyclotomic polynomials*, Math. Comp., 73(246):957–965 (electronic), 2004.
- [19] Martha Allen and Michael Filaseta, *A generalization of a second irreducibility theorem of I. Schur*, Acta Arith., 109(1):65–79, 2003.
- [20] Michael Filaseta and Richard L. Williams, Jr., *On the irreducibility of a certain class of Laguerre polynomials*, J. Number Theory, 100(2):229–250, 2003.
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- [25] Brian Beasley and Michael Filaseta, *A distribution problem for powerfree values of irreducible polynomials*, Period. Math. Hungar., 42(1-2):123–144, 2001.
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- [28] Michael Filaseta, *On the factorization of polynomials with small Euclidean norm*, In Number theory in progress, Vol. 1 (Zakopane-Kościelisko, 1997), pages 143–163, de Gruyter, Berlin, 1999.
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- [31] J. Browkin, M. Filaseta, G. Greaves, and A. Schinzel, *Squarefree values of polynomials and the abc-conjecture*, In Sieve methods, exponential sums, and their applications in number theory (Cardiff, 1995), volume 237 of *London Math. Soc. Lecture Note Ser.*, pages 65–85, Cambridge Univ. Press, Cambridge, 1997.
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- [33] Michael Filaseta, *The smallest maximal set of pairwise disjoint partitions*, In Number theory (New York, 1991–1995), pages 103–113, Springer, New York, 1996.
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## Other Publications: Commentary, Letter, Problems and Solutions

- [63] Michael Filaseta, *Commentary on Schinzel's polynomial results in one variable*, in Andrzej Schinzel's *Selecta*, Vol. 1, European Math. Soc., 2007, 283–294.
- [64] Michael A. Filaseta, *Problem: 10640*, *Amer. Math. Monthly*, 105(1):69, 1998.
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