

MICHAEL FILASETA'S PUBLICATIONS

- [1] Michael Filaseta, Kevin Ford, Sergei Konyagin, Carl Pomerance, and Gang Yu, *Sieving by large integers and covering systems of congruences*, submitted.
- [2] Michael Filaseta, Florian Luca, Pantelimon Stănică, and Robert Underwood, *Galois groups of polynomials arising from circulant matrices*, submitted.
- [3] Michael Filaseta, Florian Luca, Pantelimon Stănică, and Robert Underwood, *Two Diophantine approaches to the irreducibility of certain trinomials*, submitted.
- [4] Michael Filaseta, Carrie Finch, and Charles Nicol, *On three questions concerning 0, 1-polynomials*, *Journal de Théorie des Nombres*, to appear.
- [5] Michael Filaseta, Angel Kumchev, and Dima Pasechnik, *On the irreducibility of a truncated binomial expansion*, *Rocky Mountain Journal of Mathematics*, to appear.
- [6] Michael Filaseta and Douglas B. Meade, *Irreducibility testing of lacunary 0, 1-polynomials*, *J. Algorithms*, 55(1):21–28, 2005.
- [7] 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.
- [8] Martha Allen and Michael Filaseta, *A generalization of a third irreducibility theorem of I. Schur*, *Acta Arith.*, 114(2):183–197, 2004.
- [9] Michael Filaseta and Andrzej Schinzel, *On testing the divisibility of lacunary polynomials by cyclotomic polynomials*, *Math. Comp.*, 73(246):957–965 (electronic), 2004.
- [10] Martha Allen and Michael Filaseta, *A generalization of a second irreducibility theorem of I. Schur*, *Acta Arith.*, 109(1):65–79, 2003.
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- [17] M. Filaseta, K. Ford, and S. Konyagin, *On an irreducibility theorem of A. Schinzel associated with coverings of the integers*, *Illinois J. Math.*, 44(3):633–643, 2000.
- [18] A. Borisov, M. Filaseta, T. Y. Lam, and O. Trifonov, *Classes of polynomials having only one non-cyclotomic irreducible factor*, *Acta Arith.*, 90(2):121–153, 1999.
- [19] 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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- [21] Michael Filaseta and Sergeĭ Konyagin, *On a limit point associated with the abc-conjecture*, Colloq. Math., 76(2):265–268, 1998.
- [22] 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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MINOR PUBLICATIONS: SOME LETTERS, PROBLEMS AND SOLUTIONS

- [54] Michael A. Filaseta, *Problem: 10640*, Amer. Math. Monthly, 105(1):69, 1998.
- [55] M. Filaseta and C. Nicol, *Problem: 10423*, Amer. Math. Monthly, 101(10):1014, 1994.
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- [58] Michael Filaseta, *Letter: War without end*, Math. Mag., 51:256, 1978.
- [59] Michael Filaseta, *Solution of Problem: 60*, The Two-Year College Math. J., 9(5):299, 1978.
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