

Addenda
Automatic Sequences: Theory, Applications, Generalizations
by Jean-Paul Allouche and Jeffrey Shallit
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Page 30: Open Problem 3 in section 1.10 has been solved by Ron Clark, in his 2001 Ph. D. thesis, available at <http://www.math.ucla.edu/~rclark/thesis.pdf>.

Page 36: The lower bound on the number of ternary squarefree words has been improved to 1.1184 by X. Sun, New lower bound on the number of ternary square-free words, *J. Integer Sequences*, Paper #03.3.2, <http://www.math.uwaterloo.ca/JIS/VOL6/Sun/sun.html>.

Chapter 8: Recently M. Peter [The asymptotic distribution of elements in automatic sequences, *Theor. Comput. Sci.* **301** (2003), 285–312] gave a necessary and sufficient condition for the limiting frequency of a symbol in an automatic sequence to exist.

Page 295: Open Problem 1 in section 9.5 has recently been studied by Kevin O’Byrant. See his preprint <http://xxx.lanl.gov/abs/math.CO/0211200>.

Page 391, §13.5. It is now known that all automatic numbers are either rational or transcendental. See, for example, B. Adamczewski and Y. Bugeaud, On the complexity of algebraic numbers. I. Expansions in integer bases. *Ann. of Math.* (2) **165** (2007), no. 2, 547–565.

Page 453: Open Problem 16.7.3 was solved by J. P. Bell [*Discrete Math.* **307** (2007), 3070–3075] and Z. Shu & J.-Y. Yao [*C. R. Acad. Sci. Paris* **349** (2011), 947–952].

Page 453: Open Problem 16.7.4 has been solved by Schlage-Puchta, *Bull. Belg. Math. Soc.* **18** (2011), 375–377.

Page 453: Open Problem 16.7.9 has been solved by J. P. Bell, *Advances in Applied Math.* **34** (2005), 634–643.

Page 454: Open Problem 16.7.10 has been solved by Yossi Moshe, On some questions regarding k -regular and k -context-free sequences, *Theoret. Comput. Sci.* **400** (2008), 62–69.

Page 482: The paper of Allouche, Baake, Cassaigne, and Damanik has now appeared: *Theor. Comput. Sci.* **292** (2003), 9–31.

Page 496: The paper of Cassaigne and Karhumäki [1995a, 1995b] appeared in *European J. Combinatorics* **18** (1997), 497–510. (J. Berstel)

Page 507: The paper of Epifanio, Koskas, and Mignosi has now appeared: *Theor. Comput. Sci.* **299** (2003), 123–150.