LIST OF PUBLICATIONS OF PAUL ERDŐS

This bibliography was prepared by Jerrold Grossman (Oakland University, Rochester, Michigan), updating previous bibliographies, most recently the list prepared by Dezső Miklós in *Combinatorics, Paul Erdős is Eighty, Volume 1, Bolyai Society Mathematical Studies*, pp. 471–527, János Bolyai Mathematical Society, Budapest, 1993. Thanks are due not only to Dezső Miklós (Mathematical Institute, Hungarian Academy of Sciences) and the János Bolyai Mathematical Society, but also to László Babai (University of Chicago), Ronald Graham (AT&T Research), Patrick Ion (*Mathematical Reviews*), and Jaroslav Nešetřil (Charles University, Prague) for additional advice and data, *Zentralblatt für Mathematik und Ihre Grenzgebiete* for providing the Zbl numbers and making other additions and corrections, Springer-Verlag for the preparation of this list in its final form, and Paul Erdős for several helpful conversations.

Generally, the bibliographic style of *Mathematical Reviews* has been followed, at least approximately. Coauthor names, if any, are given in parentheses near the end of each entry. The *Mathematical Reviews* review number (**MR**) is included with each item for which it exists; otherwise, the *Current Mathematical Publications* control number (**CMP**) is included when it exists. Similarly, the **Zbl** (or **MATH** for a few items) numbers are provided where possible. This list incorporates corrections of some errors and omissions that appeared in the 1993 list (for example, the omission of Turán as a coauthor of the last paper listed for 1935). In some cases items have been shifted to a different year to reflect more accurately the actual publication date. Items have necessarily been renumbered in order to maintain a year-by-year list, alphabetical by title. *Please send further additions or corrections to* `grossman@oakland.edu`.

This list as it existed in early 1996 was included in *The Mathematics of Paul Erdős*, R. L. Graham and J. Nešetřil, eds., Volume II, pp. 477–573 (Springer, 1997). Updates beyond that are posted on the World Wide Web site of the Erdős Number Project: `http://www.oakland.edu/~grossman/erdoshp.html`. That site also contains more complete versions of the names of the coauthors.

1932.01 Beweis eines Satzes von Tschebyschef (in German), *Acta Litt. Sci. Szeged* **5** (1932), 194–198; **Zbl.** 4,101.

1932.02 Egy Kürschák-féle elemi számelméleti tétel általánosítása (Generalization of an elementary number-theoretic theorem of Kürschák, in Hungarian), *Mat. Fiz. Lapok* **39** (1932), 17–24; **Zbl.** 7,103.

1934.01 A theorem of Sylvester and Schur, *J. London Math. Soc.* **9** (1934), 282–288; **Zbl.** 10,103.

1934.02 Bizonyos számtani sorok törzsszámairól (On primes in some arithmetic progressions, in Hungarian), *Bölcsészdoktori értekezés*, Sárospatak, 1934, 1–20.

1934.03 On a problem in the elementary theory of numbers, *Amer. Math. Monthly* **41** (1934), 608–611 (P. Turán); **Zbl.** 10,294.

1934.04 On the density of the abundant numbers, *J. London Math. Soc.* **9** (1934), 278–282; **Zbl.** 10,103.

1934.05 Über die Anzahl der Abelschen Gruppen gegebener Ordnung und über ein verwandtes zahlentheoretisches Problem (in German), *Acta Litt. Sci. Szeged* **7** (1934), 95–102 (G. Szekeres); **Zbl.** 10,294.

1935.01 A combinatorial problem in geometry, *Compositio Math.* **2** (1935), 463–470 (G. Szekeres); **Zbl.** 12,270.

1935.02 Ein zahlentheoretischer Satz (in German), *Mitt. Forsch.-Inst. Math. Mech. Univ. Tomsk* **1** (1935), 101–103 (P. Turán); **Zbl.** 12,12.

1935.03 Note on consecutive abundant numbers, *J. London Math. Soc.* **10** (1935), 128–131; **Zbl.** 12,11.

1935.04 Note on sequences of integers no one of which is divisible by any other, *J. London Math. Soc.* **10** (1935), 126–128; **Zbl.** 12,52.

1935.05 On primitive abundant numbers, *J. London Math. Soc.* **10** (1935), 49–58; **Zbl.** 10,391.

1935.06 On the density of some sequences of numbers, *J. London Math. Soc.* **10** (1935), 120–125; **Zbl.** 12,10.

1935.07 On the difference of consecutive primes, *Quart. J. Math., Oxford Ser.* **6** (1935), 124–128; **Zbl.** 12,11.

1935.08 On the normal number of prime factors of $p-1$ and some related problems concerning Euler's φ-function, *Quart. J. Math., Oxford Ser.* **6** (1935), 205–213; **Zbl.** 12,149.

1935.09 The representation of an integer as the sum of the square of a prime and of a square-free integer, *J. London Math. Soc.* **10** (1935), 243–245; **Zbl.** 13,104.

1935.10 Über die Primzahlen gewisser arithmetischer Reihen (in German), *Math. Z.* **39** (1935), 473–491; **Zbl.** 10,293.

1935.11 Über die Vereinfachung eines Landauschen Satzes (in German), *Mitt. Forsch.-Inst. Math. Mech. Univ. Tomsk* **1** (1935), 144–147 (P. Turán); **Zbl.** 13,6.

1936.01 A generalization of a theorem of Besicovitch, *J. London. Math. Soc.* **11** (1936), 92–98; **Zbl.** 14,11.

1936.02 Note on some additive properties of integers, *Publ. de Congrès International des Math.*, Oslo, 1936, 1–2.

1936.03 On a problem of Chowla and some related problems, *Proc. Cambridge Philos. Soc.* **32** (1936), 530–540; **Zbl.** 15,246.

1936.04 On sequences of positive integers, *Acta Arith.* **2** (1936), 147–151 (H. Davenport); **Zbl.** 15,100.

1936.05 On some sequences of integers, *J. London Math. Soc.* **11** (1936), 261–264 (P. Turán); **Zbl.** 15,152.

1936.06 On the arithmetical density of the sum of two sequences one of which forms a basis for the integers, *Acta Arith.* **1** (1936), 197–200; **Zbl.** 13,150.

1936.07 On the integers which are the totient of a product of three primes, *Quart. J. Math., Oxford Ser.* **7** (1936), 16–19; **Zbl.** 13,246.

1936.08 On the integers which are the totient of a product of two primes, *Quart. J. Math., Oxford Ser.* **7** (1936), 227–229; **Zbl.** 15,5.

1936.09 On the representation of an integer as the sum of k kth powers, *J. London Math. Soc.* **11** (1936), 133–136; **Zbl.** 13,390.

1936.10 Sur le mode de convergence pour l'interpolation de Lagrange (in French), *C. R. Acad. Sci. Paris* **203** (1936), 913–915 (E. Feldheim); **Zbl.** 15,252.

1936.11 Végtelen gráfok Euler vonalairól (On Euler lines of infinite graphs, in Hungarian), *Mat. Fiz. Lapok* **43** (1936), 129–140 (T. Grünwald [=T. Gallai]; E. Weiszfeld [=E. Vázsonyi]); **Zbl.** 15,178.

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1937.04 On interpolation, I. Quadrature and mean convergence in the Lagrange interpolation, *Ann. of Math. (2)* **38** (1937), 142–155 (P. Turán); **Zbl.** 16,106.

1937.05 On the density of some sequences of numbers, II., *J. London Math. Soc.* **12** (1937), 7–11; **Zbl.** 16,12.

1937.06 On the easier Waring problem for powers of primes, I., *Proc. Cambridge Philos. Soc.* **33** (1937), 6–12; **Zbl.** 16,102.

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1938.01 Note on an elementary problem of interpolation, *Bull. Amer. Math. Soc.* **44** (1938), 515–518 (G. Grünwald); **Zbl.** 19,111.

1938.02 Note on the Euclidean algorithm, *J. London Math. Soc.* **13** (1938), 3–8 (Chao Ko [=Zhao Ke]); **Zbl.** 18,106.

1938.03 On additive properties of squares of primes, I., *Nederl. Akad. Wetensch., Proc.* **41** (1938), 37–41; **Zbl.** 23,9.

1938.04 On definite quadratic forms which are not the sum of two definite or semi-definite forms, *Acta Arith.* **3** (1938), 102–122 (Chao Ko [=Zhao Ke]); **Zbl.** 19,151.

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1938.12 Über die arithmetischen Mittelwerte der Lagrangeschen Interpolationspolynome (in German), *Studia Math.* **7** (1938), 82–95 (G. Grünwald); **Zbl.** 18,118.

1938.13 Über die Reihe $\sum \frac{1}{p}$ (in German), *Mathematica, Zutphen B* **7** (1938), 1–2; **Zbl.** 18,343.

1938.14 Über einen Faber'schen Satz (in German), *Ann. of Math. (2)* **39** (1938), 257–261 (G. Grünwald); **Zbl.** 18,397.

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1939.08 On the easier Waring problem for powers of primes, II., *Proc. Cambridge Philos. Soc.* **35** (1939), 149–165; **Zbl.** 21,106.

1939.09 On the Gaussian law of errors in the theory of additive functions, *Proc. Nat. Acad. Sci. U. S. A.* **25** (1939), 206–207 (M. Kac); **Zbl.** 21,207.

1939.10 On the integers of the form $x^k + y^k$, *J. London Math. Soc.* **14** (1939), 250–254; **MR** 1,42b; **Zbl.** 26,297.

1939.11 On the smoothness of the asymptotic distribution of additive arithmetical functions, *Amer. J. Math.* **61** (1939), 722–725; **MR** 1,41a; **Zbl.** 22,10.

1939.12 Some arithmetical properties of the convergents of a continued fraction, *J. London Math. Soc.* **14** (1939), 12–18 (K. Mahler); **Zbl.** 20,294.

1940.01 Additive functions and almost periodicity (B^2), *Amer. J. Math.* **62** (1940), 635–645 (A. Wintner); **MR** 2,41f; **Zbl.** 24,16.

1940.02 Note on some elementary properties of polynomials, *Bull. Amer. Math. Soc.* **46** (1940), 954–958; **MR** 2,242b; **Zbl.** 24,306.

1940.03 On a conjecture of Steinhaus, *Univ. Nac. Tucumán. Revista A.* **1** (1940), 217–220; **MR** 2,360c; **Zbl.** 25,158.

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1940.05 On interpolation, III. Interpolatory theory of polynomials, *Ann. of Math. (2)* **41** (1940), 510–553 (P. Turán); **MR** 1,333e; **Zbl.** 24,391.

1940.06 On the distribution of normal point groups, *Proc. Nat. Acad. Sci. U. S. A.* **26** (1940), 294–297; **MR** 1,333f; **Zbl.** 63,Index.

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1941.03 On some asymptotic formulas in the theory of the "factorisatio numerorum", *Ann. of Math. (2)* **42** (1941), 989–993; **MR** 3,165b; **Zbl.** 61,79.

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1943.07 On the convergence of trigonometric series, *J. Math. Phys. Mass. Inst. Tech.* **22** (1943), 37–39; **MR** 4,271e; **Zbl.** 60,178.

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1944.03 On highly composite and similar numbers, *Trans. Amer. Math. Soc.* **56** (1944), 448–469 (L. Alaoglu); **MR** 6,117c; **Zbl.** 61,79.

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1945.09 Some remarks on the measurability of certain sets, *Bull. Amer. Math. Soc.* **51** (1945), 728–731; **MR** 7,197f; **Zbl.** 63,Index.

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1946.02 On certain limit theorems of the theory of probability, *Bull. Amer. Math. Soc.* **52** (1946), 292–302 (M. Kac); **MR** 7,459b; **Zbl.** 63,Index.

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NOTE: The total number of items in this list is 1475.