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Irodalom

[1] *Adler, A.:* Mathematics and Creativity. The New Yorker Magazine, 1972 február 19.

[2] *Ahrens, W.:* Mathematiker Anekdoten, szerk. L. J. Cappon. Chapel Hill: University of North Carolina Press, 1959.

[3] *Alekszandrov, A. D.—Kolmogorov, A. N.—Lavrentyev, M. A.* (szerk.): Mathematics: Its Content, Methods and Meaning. Cambridge: M.I.T. Press, 1963.

[4] *Alper, J. L.:* Groups and Symmetry. In: Mathematics Today, szerk. L. A. Steen, 65—82. New York: Springer-Verlag, 1978.

[5] *Anderson, D. B.—Binford, T. O.—Thomas, A. J.—Weybrauch, R. W.—Wilks, V. A.:* After Leibniz: Discussions on Philosophy and Artificial Intelligence. Stanford Artificial Intelligence Laboratory Memo AIM—229, 1974. március.

[6] *Anonim:* Federal Funds for Research and Development, Fiscal Years 1977, 1978, 1979. Vol. 27. Detailed Statistical Tables, Appendix C. NSF—78—312. Washington, D. C.: National Science Foundation 1978.

[7] *Appel, K.—Haken, W.:* The Four-Color Problem. In: „Mathematics Today", szerk.: L. A. Steen, 153—190. old. New York: Springer-Verlag, 1978.

[8] *Arago, F. J.:* Éloge historique de Joseph Fourier, Mém. Acad. Roy. Sci. 14, 69—138. Angol fordítása in: „Biographies of Distinguished Scientific Men", London, 1857.

[9] *Archibald, R. C.:* Outline of the History of Mathematics. Slaught Memorial Paper. Buffalo: Mathematical Association of America, 1949.

[10] *Aris, R.:* Mathematical Modelling Techniques. San Francisco: Pitman, 1978.

[11] *Aubrey, J.:* Brief Lives. Szerk: Andrew Clark. Oxford: Oxford University Press, 1898.

[12] *Aubrey, J.:* Aubrey's Brief Lives. Szerk.: Oliver Lawson Dick; előszó: Edmund Wilson. Ann Arbor: Ann Arbor Paperbacks, 1962.

[13] *Banchoff, T.—Strauss, C. M.:* On Folding Algebraic Singularities in Complex 2-Space. Előadás és film, amelyet az Amerikai Matematikai Társaság ülésén mutattak be. Dallas, Texas, 1973. január.

[14] *Barbeau, E. J.—Leah, P. J.:* Euler's 1760 Paper on Divergent Series. Historia Mathematica **3** 141—160 (1976).

[15] *Barker, S. F.:* Philosophy of Mathematics. Englewood Cliffs: Prentice-Hall, 1964.

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Hungarian translation © Székely J. Gábor, Typotex, 2010

Irodalom

[16] *Barwise, J. (szerk.):* Handbook of Mathematical Logic. Amsterdam: North-Holland, 1977.

[17] *Basalla, G.:* The Rise of Modern Science: Internal or External Factors. Boston: D. C. Heath and Co., 1968.

[18] *Baum, J. (szerk.):* Philosophy and Mathematics from Plato to the Present. Freeman, San Francisco, 1973.

[19] *Bell, E. T.:* Men of Mathematics. New York: Simon and Schuster, 1937.

[20] *Bell, E. T.:* The Development of Mathematics. New York: McGraw-Hill, 1949.

[21] *Bell, M. S. (szerk.):* Studies in Mathematics, XVI. kötet: Some Uses of Mathematics: a Sourcebook for Teachers and Students of School Mathematics. Stanford: School Mathematics Study Group, 1967.

[22] *Bellman, R.:* A Collection of Modern Mathematical Classics: Analysis. New York: Dover, 1961.

[23] *Benaceraff, P.—Putnam, H. (szerk.):* Philosophy of Mathematics: Selected Readings, Englewood Cliffs: Prentice-Hall, 1964.

[24] *Bernal, J. D.:* The Social Function of Science. New York: Macmillan, 1939.

[25] *Bernstein, D. L.:* The Role of Applications in Pure Mathematics. American Mathematical Monthly. **86,** 245—253 (1979).

[26] *Beth, E. W.—Piaget, J.:* Mathematics, Epistemology and Psychology. Fordító: W. Mays. New York: Gordon and Breach, 1966.

[27] *Birkhoff, G.:* Mathematics and Psychology. SIAM Review. **11,** 429—469 (1969).

[28] *Birkhoff, G. (szerk.):* A Source Book in Classical Analysis. Cambridge: Harvard University Press, 1973.

[29] *Birkhoff, G.:* Applied Mathematics and Its Future. In: „Science and Technology in America", 83—103. Washington, D. C.: National Bureau of Standards, Special Publication No. 465, 1977.

[30] *Bishop, E.:* Foundations of Constructive Analysis. New York: McGraw-Hill, 1967.

[31] *Bishop, E.:* Aspects of Constructivism. Las Cruces: New Mexico State University, 1972.

[32] *Bishop, E.:* The Crisis in Contemporary Mathematics. Historia Mathematica. **2** 507—517, (1975).

[33] *Blanché, R.:* Axiomatization. In: „Dictionary of the History of Ideas", I. kötet, Scribner's 1973.

[34] *Bloch, M.:* The Historian's Craft. New York: Alfred A. Knopf, 1953.

[35] *Bloor, D.:* Wittgenstein and Mannheim on the Sociology of Mathematics. Studies in the History and Philosophy of Science. **2** 173—191. New York: Macmillan, 1973.

[36] *Bochner, S.:* The Role of Mathematics in the Rise of Science. Princeton: Princeton University Press, 1966.

[37] *Bochner, S.:* Mathematics in Cultural History. In: „Dictionary of the History of Ideas", New York: Charles Scribner's Sons, 1973.

[38] *Bolzano, B.:* Paradoxes of the Infinite (1850), szerk. D. A. Steele. London: Routledge and Kegan Paul, 1950.

[39] *Borel, E.:* L'imaginaire et le réal en mathématiques et en physique. Paris: Editions Alvin Michel, 1952.

[40] *Boos, B.—Niss, M. (szerk.):* Mathematics and the Real World. Basel: Birkhauser Verlag, 1979.

[41] *Bowne, G. D.:* The Philosophy of Logic, 1880—1908. The Hague: Mouton, 1966.

[42] *Boyer, C. B.:* A History of Mathematics. New York: John Wiley and Sons, 1968.

[43] *Bridgman, P. W.:* The Way Things Are. Cambridge: Harvard University Press, 1959.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[44] *Brooks, F. P., Jr.:* The Mythical Man-Month: Essays on Software Engineering. Reading, Mass.: Addison-Wesley, 1975.
[45] *Bruner, J. S.:* On Knowing: Essays for the Left Hand. New York: Athenaeum, 1970.
[46] *Bruner, J. S.:* The Process of Education. Cambridge: Harvard University Press, 1960.
[47] *Bruno, G.:* Articuli centum et sexaginta adversos huius tempestatis mathematicos atque philosophos. Prague, 1958.
[48] *Brunschvicg, L.:* Les étapes de la philosophie mathématique. Paris: Alcan, 1912.
[49] *Budden, F. J.:* The Fascination of Groups. Cambridge: Cambridge University Press, 1972.
[50] *Bunge, M.:* Intuition and Science. Englewood Cliffs: Prentice-Hall, 1962.
[51] *Bunt, L. N. H.—Jones, P. S.—Bedient, J. D.:* The Historical Roots of Elementary Mathematics. Englewood Cliffs: Prentice-Hall, 1976.
[52] *Burgess, J. P.:* Forcing. In: „Handbook of Mathematical Logic", szerk. Jon Barwise, 403—452. Amsterdam: North-Holland, 1977.
[53] *Cajori, F.:* The Early Mathematical Sciences in North and South America. Boston: R. G. Badger, 1928.
[54] *Cajori, F.:* History of Mathematical Notations. Chicago: The Open Court Publishing Co. 1928—29.
[55] *Chihara, C. S.:* Ontology and the Vicious Circle Principle. Ithaca, N. Y.: Cornell University Press, 1973.
[56] *Chinn, W. G.—Steenrod, N. E.:* First Concepts of Topology. Washington, D. C., The New Mathematical Library, Mathematical Association of America, 1966.
[57] *Clark, G. N.:* Science and Social Welfare in the Age of Newton, Oxford: Oxford University Press, 1949.
[58] *Cohen, M. R.—Drabkin, I. E.:* Source Book in Greek Science. Cambridge: Harvard University Press, 1958.
[59] *Cohen, P. J.:* Set Theory and the Continuum Hypothesis. New York: W. A. Benjamin, 1977.
[60] *Cohen, P. J.:* Comments on the Foundation of Set Theory. In: „Axiomatic Set Theory", 9—15 o., szerk. Dana Scott, Providence, R. I.: American Mathematical Society, 1971.
[61] *Cohen, P. J.—Hersh, R.:* Non-Cantorian Set Theory. In: „Mathematics in the Modern World", San Francisco: W. H. Freeman, 1968.
[62] *Copi, I. M.—Gould, J. A. (szerk.):* Readings on Logic. New York: Macmillan, 1967.
[63] *Courant, R.—Robbins, H.:* What is Mathematics? New York: Oxford University Press, 1948. Ang mat. 2. London 1956.
[64] *Crossley, J. N., et al.:* What is Mathematical Logic? Oxford: Oxford University Press, 1972.
[65] *Crowe, M. J.:* Ten „Laws" Concerning Patterns of Change in the History of Mathematics. Historia Mathematica. **2** 161—166 (1975).
[66] *Cudhea, D.:* Artificial Intelligence. The Stanford Magazine, spring/summer (1978).
[67] *Curry, H. B.:* Some Aspects of the Problem of Mathematical Rigor. Az Amerikai Matematikai Társulat ülésén tartott előadás, New York, 1940. október 26.
[68] *Curry, H. B.:* Outlines of a Formalist Philosophy of Mathematics. Amsterdam: North-Holland, 1951.
[69] *Dantzig, T.:* Henry Poincaré: Critic of Crises. Reflections on his Universe of Discourse. New York: Charles Scribner's Sons, 1954.
[70] *Dantzig, T.:* Number, the Language of Science. New York: Macmillan, 1959.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[71] *Dauben, J. W.:* The Trigonometric Background to Georg Cantor's Theory of Sets. Arch. History of the Exact Sciences **7** 181—216 (1971).
[72] *Davis, C.:* Materialist Mathematics. Boston Studies in the Philosophy of Science. **15** 37—66. Dordrecht: D. Reidel, 1974.
[73] *Davis, H. T.:* Essays in the History of Mathematics. Evanston, Illinois, mimeographed, 1949.
[74] *Davis, M.:* Applied Nonstandard Analysis. New York: John Wiley and Sons, 1977.
[75] *Davis, M.:* The Undecidable. Hewlett, N. Y.: Raven Press, 1965.
[76] *Davis, M.:* Unsolvable Problems. In: „Handbook of Mathematica Logic", szerk. Jon Barwise, Amsterdam: North-Holland, 1977.
[77] *Davis, M.—Hersh, R.:* Nonstandard Analysis. Scientific Americal. June, 1972, 78—84.
[78] *Davis, M.—Hersh, R.:* Hilbert's Tenth Problem. Scientific American. November, 1973. 84—91.
[79] *Davis, N. P.:* Lawrence and Oppenheimer. New York: Simon and Schuster, 1968.
[80] *Davis, P. J.:* Leonhard Euler's Integral: An Historical Profile of the Gamma Function. American Mathematical Monthly. **66** 849—869 (1959).
[81] *Davis, P. J.:* The Criterion Makers: Mathematics and Social Policy. American Scientist. **50** 258A—274A (1962).
[82] *Davis, P. J.:* Number. Scientific American. September, 1964. Újból megjelent a „Mathematics: An Introduction to its Spirit and Use" könyvben. San Francisco: W. H. Freeman, 1978.
[83] *Davis, P. J.:* Numerical analysis. In: „The Mathematical Sciences", 128—137. Cambridge: M.I.T. Press, 1969.
[84] *Davis, P. J.:* Fidelity in Mathematical Discourse: Is 1+1 Really 2? American Mathematical Monthly, **78** 252—263 (1972).
[85] *Davis, P. J.:* Simple Quadratures in the Complex Plane. Pacific Journal of Mathematics. **15** 813—824 (1965).
[86] *Davis, P. J.:* Visual Geometry, Computer Graphics, and Theorems of Perceived Type. In: „Proceedings of Symposia in Applied Mathematics", 20. kötet. Providence, R. I.: American Mathematical Society, 1974.
[87] *Davis, P. J.:* Towards a Jamesian History of Mathematics. Meghívott előadás az Amerikai Matematikai Társaság Téli Ülésén. 1967. január 22. San Antonio, Texas.
[88] *Davis, P. J.:* Mathematics by Fiat? The Two Year College Mathematics Journal. 1980. június.
[89] *Davis, P. J.:* Circulant Matrices. New York: John Wiley and Sons, 1979.
[90] *Davis, P. J.—Anderson, J. A.:* Non-Analytic Aspects of Mathematics and Their Implication for Research and Education. SIAM Review. **21** 112—127 (1979).
[91] *Davis, P. J.—Cerutti, E.:* FORMAC Meets Pappus: Some observations on Elementary Analytic Geometry by Computer. American Mathematical Monthly. **75** 895—905 (1969).
[92] *Dee, J.:* Monas Hieroglyphica, 1564.
]93] *Dee, J.:* The Mathematical Praeface to the Elements of Geometrie of Euclid of Megara (1570). Allen G. Debus bevezetőjével. New York: Neale Watson Academic Publications, 1975.
[94] *De Millo, R. A.—Lipton, R. J.—Perlis, A. J.:* Social Processes and Proofs of Theorems and Programs. Communications of the ACM. **22** 271—280 (1979).
[95] *Dertouzos, M. L.—Moses, J. (szerkesztők):* The Computer Age: A Twenty-Year View. Cambridge: M.I.T. Press 1979.
[96] *Desarmanien, J.—Kung, J. P. S.—Rota, G. C.:* Invariant Theory, Young Bitableaux and Combinatories. Advances in Mathematics. **27** 63—92 (1978).

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[97] *Dickson, L. E.:* History of the Theory of Numbers, 2. kötet. New York: G. E. Stechert, 1934.
[98] DICTIONARY OF THE HISTORY OF IDEAS: New York: Charles Scribner's Sons, 1973.
[99] *Dieudonné, J.:* Modern Axiomatic Methods and the Foundations of Mathematics. In: „Great Currents of Mathematical Thought", 2. kötet, 251—266. New York: Dover, 1971.
[100] *Dieudonné, J.:* The Work of Nicholas Bourbaki. American Mathematical Monthly. **77** 134—145 (1970).
[101] *Dieudonné, J.:* Should We Teach Modern Mathematics? American Scientist. **61** 16—19 (1973).
[102] *Dieudonné, J.:* Panorame des mathématiques pures: le choix bon'bachique. Paris: Bordas, Dunod, Gauthier-Villars, 1977.
[103] *Di Sessa, A.:* Turtle Escapes the Plane: Some Advanced Turtle Geometry. Artificial Intelligence Memo. 348, Artifical Intelligence Laboratory, M.I.T., Boston, Mass. 1975. december.
[104] *Dresden, A.:* Mathematical Certainty. Scientia. **45** 369—374 (1929).
[105] *Dreyfus, H.:* What Computers Can't Do: a Critique of Artificial Reason. New York: Harper and Row, 1972.
[106] *Duhem, P.:* The Aim and Structure of Physical Theory. First Edition 1906. Princeton: Princeton University Press, 1954.
[107] *Dummett, M.:* Elements of Intuitionism. Oxford: The Clarendon Press, 1977.
[108] *Dummett, M.:* Reckonings: Wittgenstein on Mathematics. Szerkesztette: C. Diamond; jegyzetekkel ellátta: R. Bosanquet, N. Malcolm, R. Rhees, Y. Smithies. Cambridge, 1939.
[109] *Dunmore, P. V.:* The Uses of Fallacy. New Zealand Mathematics Magazine. 1970.
[110] *Dunnington, G. W.:* C. F. Gauss. New York: Exposition Press, 1955.
[111] *Dupree, A. H.:* Science in the Federal Government. Cambridge: Harvard University Press, 1957.
[112] *Dyck, M.:* Novalis and Mathematics. Chapel Hill: University of North Carolina Press, 1960.
[113] *Edwards, H. M.:* Riemann's Zeta Function. New York: Academic Press, 1974.
[114] *Edmundson, H. P.:* Definitions of Random Sequences. TR—360, Computer Science Department, University of Maryland, College Park, Maryland. 1975. március.
[115] *Euclid:* The Thirteen Books of Euclid's Elements. T. L. Heath bevezetőjével és kommentárjaival. New York: Dover, 1956.
[116] *Eves, H.—Newsom, C. V.:* An Introduction to the Foundations and Fundamental Concepts of Mathematics. New York: Holt, Rinehart and Winston, 1965.
[117] *Fang, J.—Takayama, K. P.:* Sociology of Mathematics and Mathematicians. Hauppauge, N. Y.: Paideia Press, 1975.
[118] *Feferman, S.:* The Logic of Mathematical Discovery vs. the Logical Structure of Mathematics. Departure of Mathematics, Stanford University., 1976.
[119] *Feferman, S.:* What Does Logic Have to Tell Us About Mathematical Proofs? Mathematical Intelligence 2, No. 4.
[120] *Ferguson, E. S.:* The Mind's Eye: Nonverbal Thought in Technology. Science. **197** 827—836 (1977).
[121] *Fisher, C. S.:* The Death of a Mathematical Theory: A Study in the Sociology of Knowledge. Arch. History of the Exact Sciences. **3** 137—159 (1966).
[122] *Fitzgerald, A.—Maclane, S. (szerk.):* Pure and Applied Mathematics in the People's Republic of China. Washington, D. C.: National Academy of Sciences, 1977.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[123] *Fraenkel, A. A.:* The Recent Controversies About the Foundations of Mathematics. Scripta Mathematica. **13** 17—36 (1947).
[124] *Frame, J. S.:* The Working Environment of Today's Mathematician. In: The Spirit and Uses of the Mathematical Sciences", (szerk.) T. L. Saaty és F. J. Wey. New York: McGraw-Hill, 1969.
[125] *Frank, Ph.:* The Place of Logic and Metaphysics in the Advancement of Modern Science. Philosophy of Science. **5** 275—286 (1948).
[126] *French, P. J.:* John Dee. London: Routledge and Kegan Paul, 1972.
[127] *Freudenthal, H.:* The Concept and Role of the Model in Mathematics and Social Sciences. Dordrecht: Reidel, 1961.
[128] *Freudenthal, H.:* Symbole. In: „Encyclopaedia Universalis", Paris: 1968.
[129] *Freudenthal, H.:* Mathematics as an Educational Task. Dordrecht: Reidel, 1973.
[130] *Freudenthal, H.:* Weeding and Sowing. Dordrecht: Reidel, 1978.
[131] *Friedman, J. I.:* On Some Relations Between Leibniz' Monadology and Transfinite Set Theory (a Complement to the Russell Thesis). In: „Akten des II Internationalen Leibniz-Kongresses", Wiesbaden: Franz Steiner, 1975.
[132] *Friedman, J. I.:* Some Set-Theoretical Partition Theorems Suggested by the Structure of Spinoza's God. Synthese. **27** 199—209 (1974).
[133] *Gaffney, M. P.—Steen, L. A.:* Annotated Bibliography of Expository Writings in the History of the Mathematical Sciences. Washington, D. C.: Mathematical Association of America, 1976.
[134] *Gardner, H.:* The Shattered Mind. New York: Knopf, 1975.
[135] *Gardner, M.:* Aha! Insight. San Francisco: W. H. Freeman, 1978.
[136] *Gillings, R. A.:* Mathematics in the Thimes of the Pharaohs. Cambridge: M.I.T. Press, 1972.
[137] *Gödel, K.:* What is Cantor's Continuum Problem? In: „Philosophy of Mathematics, Selected Readings", (szerk.) P. Benacerraf és H. Putnam. 258—273. Englewood Cliffs: Prentice-Hall, 1964.
[138] *Goldstein, I.—Papert, S.:* Artificial Intelligence Language and the Study of Knowledge. M.I.T. Artificial Intelligence Laboratory, Memo. 337, Boston, 1976. március.
[139] *Goldstine, H. H.:* The Computer from Pascal to von Neumann. Princeton: Princeton University Press, 1972.
[140] *Goldstine, H. H.:* A History of Numerical Analysis. New York: Springer, 1977.
[141] *Golos, E. B.:* Foundations of Euclidean and Non-Euclidean Geometry. New York: Holt, Rinehart and Winston, 1968.
[142] *Gonseth, F.:* Philosophie mathématique. Hermann, Paris, 1939.
[143] *Good, I. J.—Churchhouse, R. F.:* The Riemann Hypothesis and Pseudorandom Features of the Möbius Sequence. Mathematics of Computation. **22** 857—864 (1968).
[144] *Goodfield, J.:* Humanity in Science: A Perspective and a Plea. The Key Reporter. **42** 1977 nyarán.
[145] *Goodman, N. D.:* Mathematics as an Objective Science. American Mathematical Monthly. **86** 540—551 (1979).
[146] *Gorenstein, S.:* The Classification of Finite Simple Groups. Bulletin of the American Mathematical Society. N. S. **1** 43—199 (1979).
[147] *Grabiner, J. V.:* Is Mathematical Truth Time-Dependent? American Mathematical Monthly. **81** 354—365 (1974).
[148] *Grattan-Guiness, I.:* The Development of the Foundations of Mathematical Analysis from Euler to Riemann. Cambridge: M.I.T. Press, 1970.
[149] *Greenberg, M. J.:* Euclidean and Non-Euclidean Geometries: Development and History. San Francisco: W. H. Freeman, 1974.
[150] *Greenwood, T.:* Invention and Description in Mathematics. Az Arisztotelész Társaság ülése, 1/20, 1930.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[151] *Grenader, U.:* Mathematical Experiments on the Computer. Division of Applied Mathematics, Brown University, Providence, R. I. 1979.
[152] *Griffiths, J.:* Plutarch's De Iside et Osiride. University of Wales Press, 1970.
[153] *Grosswald, E.:* Topics from the Theory of Numbers. New York: Macmillan, 1966.
[154] *Guggenheimer, H.:* The Axioms of Betweenness in Euclid. Dialectica. **31** 187—192 (1977).
[155] *Hacking, I.:* Review of I. Lakatos' Philosophical Papers. British Journal of the Philosophy of Science (megjelenőben).
[156] *Hadamard, J.* The Psychology of Invention in the Mathematical Field. Princeton: Princeton University Press, 1945.
[157] *Hahn, H.:* The Crisis in Intuition. In. „The World of Mathematics", (szerk.) J. R. Newman, 1956—1976. o. New York: Simon and Schuster, 1956.
[158] *Halmos, P.:* Mathematics as a Creative Art. American Scientist. **5**, 375—389 (1968).
[159] *Von Hardenberg, F.* (Novalis): Tagebücher. München: Hanser, 1978.
[160] *Hardy, G. H.:* Mathematical Proof. Mind. **38** 1—25 (1929).
[161] *Hardy, G. H.:* A Mathematician's Apology. Cambridge: Cambridge University Press, 1967.
[162] *Hartree, D. R.:* Calculating Instruments and Machines. Urbana: University of Illinois Press, 1949.
[163] *Heath, T. L.:* A History of Greek Mathematics. Oxford: The Clarendon Press, 1921.
[164] *Heath, T. L.:* Euclid's Elements. I. kötet. New York: Dover, 1956.
[165] *Heisenberg, W.:* The Representation of Nature in Contemporary Physics. In: „Symbolism in Religion and Literature", (szerk.) Rollo May. New York: Braziller, 1960.
[166] *Henkin, L. A.:* Are Logic and Mathematics Identical? The Chauvenet Papers, II. kötet. Washington, D. C.: The Mathematical Association of America, 1978.
[167] *Henrici, P.:* Reflections of a Teacher of Applied Mathematics. Quarterly of Applied Mathematics. **30** 31—39 (1972).
[168] *Henrici, P.:* The Influence of Computing on Mathematical Research and Education. In: „Proceedings of Symposia in Applied Mathematics", 20. kötet. Providence: American Mathematical Society, 1974.
[169] *Hersh, R.:* Some Proposals for Reviving the Philosophy of Mathematics. Advances in Mathematics. **31** 31—50 (1979).
[170] *Hersh, R.:* Introducing Imre Lakatos. Mathematical Intelligencer. **1** 148—151. (1978).
[171] *Hessen, B.:* The Social and Economic Roots of Newton's Principia. New York: Howard Fertig, 1971.
[172] *Hilbert, D.:* On the infinite. In: „Philosophy of Mathematics: Selected Readings", (szerk.) P. Benacerraf és H. Putnam. 134—151. Englewood Cliffs: Prentice-Hall, 1964.
[173] *Honsberger, R.:* Mathematical Gems, II. Washington, D. C.: Mathematical Association of America, 1973.
[174] *Horn, W.:* On the Selective Use of Sacred Numbers and the Creation on Carolingian Architecture of a new Aesthetic Based on Modular Concepts. Viator. **6** 351—390 (1975).
[175] *Horovitz, J.:* Law and Logic. New York: Springer, 1972.
[176] *Houston, W. R. (szerk.):* Improving Mathematical Education for Elementary School Teachers. East Lansing, Michigan: Michigan State University, 1967.
[177] *Howson, A. G. (szerk.):* Developments in Mathematical Education. Cambridge: Cambridge University Press, 1973.
[178] *Hrbacek, K.—Jech, T.:* Introduction to Set Theory. New York: Marcel Dekker, 1978.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

Irodalom

[179] *Hunt, E. B.:* Artificial Intelligence. New York: Academic Press, 1975.
[180] *Husserl, E.:* The Origins of Geometry. VI. Függelék in: Edmund Husserl, The crisis of European Science (fordította: David Carr). Evanston: Northwestern University Press, 1970.
[181] *Iliev, L.:* Mathematics as the Science of Models. Russian Mathematical Surveys. **27** 181—189 (1972).
[182] *Jacob, F.:* Evolution and Tinkering. Science. **196** 1161—1166 (1977).
[183] *James, W.:* Great Men and Their Environment. In: „Selected Papers on Philosophy", 165—197. London: J. M. Dent and Sons, 1917.
[184] *James, W.:* Psychology (Briefer Course). New York: Collier, 1962.
[185] *James, W.:* The Varieties of Religious Experiences. Reprint: New York: Mentor Books 1961.
[186] *Josten, C. H.:* A Translation of Dee's Monas Hieroglyphica' with an Introduction and Annotations. Ambix. **12** 84—221 (1964).
[187] *Jouvenel, Bertrand de:* The Republic of Science. In: „The Logic of Personal Knowledge: Eassays to M. Polányi", London: Routledge and Kegan Paul, 1961.
[188] *Jung, C. J.:* Man and His Symbols. Garden City. New York: Doubleday, 1964.
[189] *Juster, N.:* The Phantom Tollbooth. New York: Random House, 1961.
[190] *Kac, M.:* Statistical Independence in Probability. Analysis and Number Theory. Carus Mathematical Monographs No. 12. Washington, D. C.: Mathematical Association of America, 1959.
[191] *Kantorowicz, E.:* Frederick the Second. London: Constable, 1931.
[192] *Kasner, E.—Newman, J.:* Mathematics and the Imagination. New York: Simon and Schuster, 1940.
[193] *Katz, A.:* Toward High Information-Level Culture. Cybernetica. 7, 203—245 (1964).
[194] *Kershner, R. B.—Wilcox, L. R.:* The Anatomy of Mathematics. New York: Ronald Press, 1950.
[195] *Kestin, J.:* Creativity in Teaching and Learning. American Scientist. **58** 250—257 (1970).
[196] *Kleene, S. C.:* Foundations of Mathematics. In: „Encyclopaedia Britannica", 14. kiadás, 14. kötet, 1097—1103. Chicago, 1971.
[197] *Klenk, V. H.:* Wittgenstein's Philosophy of Mathematics. The Hague: Nijhoff, 1976.
[198] *Klibansky, R. (szerk.):* La philosophie contemporain. 1. kötet. Florence: UNESCO, 1968.
[199] *Kline, M. (szerk.):* Mathematics in the Modern World. Readings from Scientific American. San Francisco: W. H. Freeman, 1968.
[200] *Kline, M.:* Logic Versus Pedagogy. American Mathematical Monthly. **77** 264—282 (1970).
[201] *Kline, M.:* Mathematical Thought from Ancient to Modern Times. Oxford: Oxford University Press, 1972.
[202] *Kline, M.:* Why the Professor Can't Teach. New York: St. Martin's Press, 1977.
[203] *Kneebone, I. G. T., Cavendish, A. P.:* The Use of Formal Logic. The Aristotelian Society, Supplementary Vol. 45., 1971.
[204] *Knowlton, K.:* The Use of FORTRAN-Coded EXPLOR for Teaching Computer Graphics and Computer Art. In: „Proceedings of the ACM SIGPLAN Symposium on Two-Dimensional Man-Machine Communication", Los Alamos, New Mexico, 1972. október 5—6.
[205] *Knuth, D. E.:* Mathematics and Computer Science: Coping with Finiteness. Science. **192** 1235—1242 (1976).
[206] *Koestler, A.:* The Sleepwalkers. New York: Macmillan, 1959.
[207] *Koestler, A.:* The Act of Creation. London: Hutchinson, 1964.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[208] *Kolata, G. Bari:* Mathematical Proof: the Genesis of Reasonable Doubt, Science. **192** 989—990 (1976).
[209] *Kolmogorov, A. D.:* Mathematics. A Nagy Szovjet Enciklopédia harmadik kiadásában. New York: Macmillan, 1970.
[210] *Kopell, N.—Stoltzenberg, G.:* Commentary on Bishop's Talk. Historia Mathematica. **2** 519—521 (1975).
[211] *Korner, S.:* On the Relevance of Post-Gödelian Mathematics to Philosophy. In: „Problems in the Philosophy of Mathematics", (szerk.) I. Lakatos. 118—133. Amsterdam: North-Holland, 1967.
[212] *Kovalevskaya, S.:* A Russian Childhood. Fordította: Beatrice Stillman. New York: Springer-Verlag, 1978.
[213] *Kuhn, T. S.:* The Structure of Scientific Revolutions. Chicago: University of Chicago Press, 1962.
[214] *Kuhnen, K.:* Combinatorics. In: „Handbook of Mathematical Logic", (szerk.) Jon Barwise. 371—401. o. Amsterdam: North-Holland, 1977.
[215] *Kuntzmann, J.* Où vont les mathématiques? Paris: Hermann, 1967.
[216] *Kuyk, W.:* Complementarity in Mathematics. Dordrecht: Reidel, 1977.
[217] *Lakatos, I.:* Infinite Regress and the Foundations of Mathematics. Aristotelian Society Supplementary Volume **36** 155—184. (1962).
[218] *Lakatos, I.:* A Renaissance of Empiricism in the Recent Philosophy of Mathematics? In: „Problems in the Philosophy of Mathematics", (szerk.) I. Lakatos. 199—203. Amsterdam: North-Holland, 1967.
[219] *Lakatos, I.:* Proofs and Refutations, (szerk.) J. Worral és E. Zahar, Cambridge: Cambridge University Press 1976. — Magyarul: Bizonyítások és cáfolatok, ford. Boreczky Elemér; Gondolat, 1981.
[220] *Lakatos, I.:* Mathematics, Science and Epistemology. Cambridge: Cambridge University Press, 1978.
[221] *Lakatos, I.—Musgrave, A. (szerk.):* Problems in the Philosophy of Science. Amsterdam: North-Holland, 1968.
[222] *Langer, R. E.:* Fourier Series. Slaught Memorial Paper. American Mathematical Monthly. Supplement to Volume 54, 1—86. o. (1947).
[223] *Lasserre, F.:* The Birth of Mathematics in the Age of Plato. Larchmont, N. Y.: American Research Council, 1964.
[224] *Lebesgue, H.:* Notices d'histoire des mathématiques. L'enseignement mathématique. Geneva, 1958.
[225] *Lehman, H.:* Introduction to the Philosophy of Mathematics. Totowa, N. J.: Rowman and Littlefield, 1979.
[226] *Lehmer, D. N.:* List of Prime Numbers from 1 to 10,006,721. Washington, D. C.: Carnegie Institution of Washington Publication No. **163** 1914.
[227] *Leitzmann, W.:* Visual Topology. Fordította M. Bruckheimer. London: Chatto and Windus, 1965.
[228] *Levinson, N.:* Wiener's Life Bulletin of the American Mathematical Society, **72** 1—32 (1966) (különszám Norbert Wienerről).
[229] *Libbrecht, U.:* Chinese Mathematics in the Thirteenth Century. Cambridge: M.I.T. Press, 1973.
[230] *Lichnerowicz, A.:* Rémarques sur les mathématiques et la realité. In: „Logique et connaissance scientifique", Dijon: Encyclopédie de la Pléiade, 1967.
[231] *Littleton, A. C., Yamey, B. S. (szerk.):* Studies in the History of Accounting. Homewood, Illinois: R. D. Irwin, 1956.
[232] *Littlewood, J. E.:* A Mathematician's Miscellany. London: Methuen and Co., 1953.
[233] *Macfarlane, A.:* Ten British Mathematicians. New York: John Wiley and Sons, 1916.
[234] *Maimonides, M.:* Misneh Torah. Szerkesztette és fordította M. H. Hyamson. New York, 1937.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[235] *Manin, Y. I.:* A Course in Mathematical Logic. New York: Springer-Verlag, 1977.
[236] *Marsak, L. M.:* The Rise of Science in Relation to Society. New York: Macmillan, 1966.
[237] *Maziarz, E. A.*, Greenwood, Thomas: Greek Mathematical Philosophy. New York: Ungar, 1968.
[238] *Medawar, P. B.:* The Art of the Solvable. London: Methuen 1967 (Különösen: „Hypothesis and Imagination".).
[239] *Mehrtens, H. T. S.* Kuhn's Theories and Mathematics. Historia Mathematica. **3** 297—320, (1976).
[240] *Merlan, P.:* From Platonism to Neoplatonism. The Hague: Martinus Nijhoff, 1960.
[241] *Meschkowski, H.:* Ways of Thought of Great Mathematicians. Fordította John Dyer-Bennet. San Francisco: Holden-Day, 1964.
[242] *Meyer zur Capellen, W.:* Mathematische Maschinen und Instrumente. Berlin: Akademie Verlag, 1951.
[243] *Michener, Edwina R.:* The epistemology and associative representation of mathematical theories with application to an interactive tutor system. Doctoral thesis, Department of Mathematics, M.I.T., Cambridge, Mass., 1977.
[244] *Mikami, Y.:* The Development of Mathematics in China and Japan. Abhandlungen zur Geschichte der mathematischen Wissenschaften. **30** 1—347 (1913.) Reprinted Chelsea, New York.
[245] *Minsky, M.:* Computation: Finite and Infinite Machines. Englewood Cliffs, Prentice-Hall, 1967.
[246] *Von Mises, R.:* Mathematical Theory of Probability and Statistics. New York, Academic Press, 1964.
[247] *Molland, A. G.:* Shifting the Foundations. Descartes' Transformation of Ancient Geometry. Historia Mathematica. **3** 21—79 (1976).
[248] *Monk, J. D.:* On the Foundations of set Theory. American Mathematical Monthly. **77** 703—711 (1970).
[249] *Moritz, R. E.:* Memorabilia Mathematica. New York, Macmillan, 1914.
[250] *Moyer, R. S., Landauer, T. K.:* Time Required for Judgments of a Numerical Inequality. Nature. **215** 1519—1529 (1967).
[251] *Moyer, R. S.—Landauer, T. K.:* Determinants of Reaction Time for Digit Inequality Judgments. Bulletin of the Psychonomic Society. **1** 167—168 (1973).
[252] *Murray, F. J.:* Mathematical Machines. New York: Columbia University Press, 1961.
[253] *Murray, F. J.:* Applied Mathematics: An Intellectual Orientation. New York, Plenum Press, 1978.
[254] *Musgrave, A.:* Logicism Revisited. British Journal of the Philosophy of Science. **28** 99—127 (1977).
[255] *Nalimov, V. V.:* Logical Foundations of Applied Mathematics. Dordrecht: Reidel, 1974.
[256] NATIONAL RESEARCH COUNCIL (szerk.): The Mathematical Sciences. Cambridge: M.I.T. Press, 1969.
[257] *Needham, J.:* Science and Civilization in China. III. kötet. Cambridge: Cambridge University Press, 1959.
[258] *Neugebauer, O.:* Babylonian Astronomy: Arithmetical Methods for the Dating of Babylonian Astronomical Texts. In: „Studies and Essays to Richard Courant on his Sixtieth Birthday", 265—275. New York, 1948.
[259] *Neugebauer, O.:* The Exact Sciences in Antiquity. New York: Dover, 1957.
[260] *Neugebauer, O.—Von Hoesen, H. B.:* Greek Horoscopes. Philadelphia: American Philosophical Society, 1959.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[261] *Neugebauer, O.—Sachs, A. J.:* Mathematical Cuneiform Texts. New Haven: American Oriental Society and American Schools of Oriental Research, 1945.
[262] *Von Neumann, J.:* The Mathematician. In: The Works of the Mind, szerk. Robert B. Heywood. Chicago: University of Chicago Press 1947 — Magyarul: A matematikus. In: Neumann János: Válogatott előadások és tanulmányok (ford. dr. Augusztinovics Mária). Közgazdasági és Jogi Könyvkiadó, Bp. 1965.
[263] *Newman, J. R. (szerk.):* The World of Mathematics. Négy kötet. Simon and Schuster, New York, 1956.
[264] *Novy, L.:* Origins of Modern Algebra. Fordította: Jaroslav Taver. Leiden: Noordhoff International Publishing, 1973.
[265] *Pacioli, L.:* De Divina Proportione. 1509; reprinted in 1956.
[266] *Papert, S.:* Teaching Children to be Mathematicians vs. Teaching About Mathematics. Memo. No. 249, Artificial Intelligence Laboratory, M.I.T., Boston, Mass. 1971. július.
[267] *Paper, S.:* The Mathematical Unconscious. In: „On Aesthetics in Science", szerk. Judith Wechsler. 105—121. Cambridge: M. I. T. Press, 1978.
[268] *Pierpont, J.:* Mathematical Rigor, Past and Present. Bulletin of the American Mathematical Society. **34** 23—53. o. (1928).
[269] *Phillips, D. L.:* Wittgenstein and Scientific Knowledge. New York: Macmillan, 1977.
[270] *Piaget, J.:* Psychology and Epistemology. Fordította Arnold Rosin. New York: Grossman, 1971.
[271] *Piaget, J.:* Genetic Epistemology. Fordította Eleanor Duckworth. New York: Columbia University Press, 1970.
[272] *Pingree, D.:* Astrology. In: „Dictionary of the History of Ideas", New York: Charles Scribner's Sons 1973.
[273] *Poincaré, H.:* Mathematical Creation. Scientific American. 179, **54—57** (1948); In: „Mathematics and the Modern World", M. Kline szerkesztésében, 14—17. San Francisco: W. H. Freeman (1968); és „The World of Mathematics", 4. kötet, J. P. Newman szerkesztésében, 2041—2050. New York: Simon and Schuster, 1956.
[274] *Poincaré, H.:* The Future of Mathematics. Revue genérale des sciences pures et appliquées. 19. kötet. Paris, 1908.
[275] *Polányi, M.:* Personal Knowledge: Towards a Post-Critical Philosophy. Chicago: University of Chicago Press, 1960.
[276] *Polányi, M.:* The Tacit Dimension. New York: Doubleday, 1966.
[277] *Pólya: G.:* How to Solve It. Princeton: Princeton University Press 1945. — Magyarul: A gondolkodás iskolája (ford. Lakatos Imre). Bibliotheca, 1957.
[278] *Pólya, G.:* Pattern of Plausible Inference. Két kötet. Princeton: Princeton University Press, 1954.
[279] *Pólya, G.:* Mathematical Discovery. Két kötet. New York: John Wiley and Sons 1962. — Magyarul: A problémamegoldás iskolája (ford. Pataki Béláné). Tankönyvkiadó, 1967—68.
[280] *Pólya, G.:* Some Mathematicians I Have Known. American Mathematical Monthly. **76** 746—752 (1969).
[281] *Pólya, G.:* Mathematical Methods in Science. Washington, D. C.: Mathematical Association of America, 1978.
[282] *Pólya, G.—Kilpatrick, J.:* The Stanford Mathematics Problem Book. New York: Teacher's College Press, 1974.
[283] *Popper, K. R.:* Objective Knowledge. Oxford: The Clarendon Press, 1972.
[284] *Popper, K. R., Eccles, J. C.:* The Self and Its Brain. New York: Springer International, 1977.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

Irodalom

[285] *Prather, R. E.:* Discrete Mathematical Structures for Computer Science. Boston: Houghton Mifflin, 1976.
[286] *Prenowitz, W.—Jordan, M.:* Basic Concepts of Geometry. New York: Blaisdell-Ginn, 1965.
[287] *Priest, G.:* A Bedside Reader's Guide to the Conventionalist Philosophy of Mathematics. Logika Konferencia Bertrand Russell Emlékére, Uldum, Denmark, 1971. University of Leeds, 1973.
[288] *Putnam, H.:* Mathematics, Matter and Method. London and New York: Cambridge University Press, 1975.
[289] *Rabin, M. O.:* Decidable Theories. In: „Handbook of Mathematical Logic", (szerk.) Jon Barwise. Amsterdam: North-Holland, 1977.
[290] *Rabin, M. O.:* Probabilistic Algorithms. In: Algorithms and Complexity: New Directions and Recent Results", (szerk.) J. F. Traub. New York: Academic Press, 1976.
[291] *Rebiére, A.:* Mathématiques et mathématicien. Second edition. Paris: Libraire Nony et Cie. 1893.
[292] *Reid, C.:* Hilbert. New York: Springer-Verlag, 1970.
[293] *Rényi, A.:* Dialogues on Mathematics. San Francisco: Holden Day 1967 — Magyarul: Dialógusok a matematikáról. Akadémiai Kiadó, 1965.
[294] *Resch, R. D.:* The topological design of sculptural and architectural systems. In: „AFIPS Conference Proceedings", 42. kötet, 643—650. (1973).
[295] *Restle, F.:* Speed of Adding and Comparing Numbers. Journal of Experimental Psychology. **83** 274—278 (1970).
[296] *Robinson, A.:* Nonstandard Analysis. Amsterdam: North-Holland, 1966.
[297] *Robinson, A.:* From a Formalist's Point of View. Dialectica. **23** 45—49 (1969).
[298] *Robinson, A.:* Formalism 64. In Proceedings, International Congress for Logic, Methodology and Philosophy of Science, 1964, 228—246.
[299] *Ross, S. L.:* Differential Equations. New York: Blaisdell, 1964.
[300] *Rota, G. C.:* A Husserl Prospectus. The Occasional Review, No. **2** 98—106 (1974 őszén).
[301] *Rouse Ball, W. W.:* Mathematical Recreations and Essays. 11. kiadás; átdolgozta H. S. M. Coxeter. London: Macmillan, 1939.
[302] *Rubinstein, M. F.:* Patterns of problem Solving. Englewood Cliffs: Prentice-Hall 1975.
[303] *Russell, B.:* The Principles of Mathematics. Cambridge: Cambridge University Press, 1903.
[304] *Russell, B.:* A History of Western Philosophy. New York: Simon and Schuster, 1945.
[305] *Russell, B.:* Human Knowledge, Its Scope and Its Limits. New York: Simon and Schuster, 1948.
[306] *Russell, B.:* The Autobiography of Bertrand Russell. Boston: Little, Brown, 1967.
[307] *Russell, B.—Whitehead, A. N.:* Principia Mathematica. Cambridge: Cambridge University Press, 1910.
[308] *Saadia G. (Saadia ibn Yusuf):* The Book of Beliefs and Opinions. Fordította: S. Rosenblatt. New Haven: Yale University Press, 1948.
[309] *Saaty, T. L.—Weyl, F. J.:* The Spirit and Uses of the Mathematical Sciences. New York: McGraw-Hill, 1969.
[310] *Sampson, R. V.:* Progress in the Age of Reason: the Seventeenth Century to the Present Day. Cambridge: Harvard University Press, 1956.
[311] *Safarevics, I. R.:* Über einige Tendenzen in der Entwicklung der Mathematik. Jahrbuch der Akademie der Wissenschaften in Göttingen, 1973. németül, **31—36.** Az orosz eredetiben, **37—42.**
[312] *Schatz, J. A.:* The Nature of Truth. Publikálatlan kézirat.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[313] *Schmitt, F. O.—Worden, F. G. (szerk.):* The Neurosciences: Third Study Program. Cambridge: M.I.T. Press, 1975.
[314] *Schoenfeld, A. H.:* Teaching Mathematical Problem Solving Skills. Department of Mathematics, Hamilton College, Clinton, N. Y., 1979.
[315] *Schoenfeld, A. H.:* Problem Solving Strategies in College-Level Mathematics. Physics Department, University of California (Berkeley), 1978.
[316] *Scott, D. (szerk.):* Axiomatic Set Theory. Proceedings of Symposia in Pure Mathematics. Providence: American Mathematical Society, 1967.
[317] *Seidenberg, A.:* The ritual origin of geometry. Archive for the History of the Exact Sciences, **1**, 488—527 (1960—1962).
[318] *Seidenberg, A.:* The ritual origin of counting. Archive for the History of the Exact Sciences, **2**, 1—40 (1962—1966).
[319] *Shockley, J. E.:* Introduction to Number Theory. New York: Holt, Rinehart and Winston, 1967.
[320] *Singer, C.:* A Short History of Scientific Ideas. Oxford: Oxford University Press, 1959.
[321] *Sjöstedt, C. E.:* Le Axiome de Paralleles. Lund: Berlingska, 1968.
[322] *Slagle, J. R.:* Artificial Intelligence: The Heuristic Programming Approach. New York: McGraw-Hill, 1971.
[323] *Smith, D. E.—Mikami, Y.:* Japanese Mathematics. Chicago: Open Court Publishing Co. 1914.
[324] *Smith, D. E.:* A Source Book in Mathematics. New York: McGraw-Hill, 1929.
[325] *Snapper, E.:* What is Mathematics? American Mathematical Monthly, **86** 551—557 (1979).
[326] *Sperry, R. W.:* Lateral Specialization in the Surgically Separated Hemispheres. In: „The Neurosciences: Third Study Program", (szerk.) F. O. Schmitt és F. G. Worden. Cambridge: M.I.T. Press, 1975.
[327] *Stabler, E. R.:* Introduction to Mathematical Thought. Reading, Mass.: Addison-Wesley, 1948.
[328] *Steen, L. A.:* Order from Chaos. Science News. 107, 292—293 (1975).
[329] *Steen, L. A. (szerk.):* Mathematics Today. New York: Springer-Verlag, 1978.
[330] *Steiner, G.:* After Babel. New York: Oxford University Press, 1975.
[331] *Steiner, G.:* Language and Silence. New York: Athenaeum, 1967.
[332] *Steiner, M.:* Mathematical Knowledge. Ithaca, N. Y.: Cornell University Press, 1975.
[333] *Stibitz, G. R.:* Mathematical Instruments. In: „Encyclopaedia Britannica, 14. kiadás, 14. kötet, 1083—1087. Chicago, 1971.
[334] *Stockmeyer, L. J.—Chandra, A. K.:* Intrinsically Difficult Problems. Scientific American. 140—149 (1979), május.
[335] *Stolzenberg, G.:* Can an Inquiry into the Foundations of Mathematics Tell Us Anything About Mind? In: „Psychology and Biology of Language and Thought", (szerk.) George Miller. New York: Academic Press.
[336] *Strauss, C. M.:* Computer-encouraged serendipity in pure mathematics. Proceedings of the IEEE. **62** (1974).
[337] *Stroyan, K. D., Luxemburg, W. A. U.:* Introduction to the Theory of Infinitesimals. New York: Academic Press, 1976.
[338] *Struik, D. J.:* A Concise History of Mathematics. New York: Dover, 1967.
[339] *Struik, D. J.:* A Source Book in Mathematics, 1200—1800. Cambridge: Harvard University Press, 1969.
[340] *Szabó, Á.:* The Transformation of Mathematics into a Deductive Science and the Beginnings of its Foundations on Definition and Axioms. Scripta Mathematica. **27** 28—48A, 113—139, (1964).
[341] *Takeuti, G., Zaring, W. M.:* Introduction to Axiomatic Set Theory. New York: Springer, 1971.

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[342] *Taviss, I. (szerk.):* The Computer Impact. Englewood Cliffs. Prentice-Hall 1970.
[343] *Taylor, J. G.:* The Behavioral Basis of Perception. New Haven: Yale University Press, 1948.
[344] *Thom, R.:* Modern Mathematics: An Educational and Philosophical Error? American Scientist. **59** 695—699 (1971).
[345] *Thom, R.:* Modern Mathematics: Does it Exist? In: „Developments in Mathematical Education", (szerk.) A. G. Howson, 194—209. London and New York: Cambridge University Press, 1973.
[346] *Traub, J. F.:* The Influence of Algorithms and Heuristics. Department of Computer Science. Carnegie-Mellon University, Pittsburgh, Pa. 1979.
[347] *Tucker, J.:* Rules, Automata and Mathematics. The Aristotelian Society, 1970. február.
[348] *Tymoczko, T.:* Computers, Proofs and Mathematicians: A Philosophical Investigation of the Four-Color Proof. Mathematics Magazine. **53** 131—138, (1980).
[349] *Tymoczko, T.:* The Four-Color Problem and its Philosophical Significance. Journal of Philosophy, **76** 57—83 (1979).
[350] *Ulam, S.:* Adventures of a Mathematician. New York: Scribners, 1976.
[351] *Van der Waerden, B. L.:* Science Awakening. Groningen: P. Noordhoff 1954. [Magyarul: Egy tudomány ébredése (ford.: Pollák György). Gondolat, Budapest 1977.]
[352] *Wang, H.:* From Mathematics to Philosophy. London: Routledge and Kegan Paul, 1974.
[353] *Wechsler, J. (szerk.):* On Aesthetics in Science. Cambridge: M.I.T. Press, 1978.
[354] *Wedberg, A.:* Plato's Philosophy of Mathematics. Westport, Conn.: Greenwood Press, 1977.
[355] *Weinberg, J.:* Abstraction in the Formation of Concepts. In „Dictionary of the History of Ideas", 1. kötet. Charles Scribner's Sons, 1973.
[356] *Weiss, E.:* Algebraic Number Theory. New York: McGraw-Hill, 1963.
[357] *Weiss, G. L.:* Harmonic Analysis. The Chauvenet Papers, II. kötet. 392. Washington, D. C.: The Mathematical Association of America, 1978.
[358] *Weissglass, J.:* Higher Mathematical Education in the People's Republic of China. American Mathematical Monthly. **86** 440—447 (1979).
[359] *Weissinger, J.:* The Characteristic Features of Mathematical Thought. In: „The Spirit and Uses of the Mathematical Sciences", (szerk.) T. L. Saaty és F. J. Weyl, 9—27. New York: McGraw-Hill, 1969.
[360] *Weyl, H.:* God and the Universe: The Open World. New Haven: Yale University Press, 1932.
[361] *Weyl, H.:* Phylosophy of Mathematics and Natural Science. Fordította: Olaf Helmer. Princeton: Princeton University Press, 1949.
[362] *White, L. Jr.:* Medieval Astrologers and Late Medieval Technology. Viator. **6** 295—308 (1975).
[363] *White, L. A.:* The Locus of Mathematical Reality. Philosophy of Science. 14, 289—303 (1947). Újból megjelent a „The World of Mathematics"-ban, J. R. Newman (szerk.), 4. kötet, 2348—2364. New York: Simon and Schuster, 1956.
[364] *Whitehead, A. N.:* Science and the Modern World. New York: Macmillan, 1925.
[365] *Whitehead, A. N.:* Mathematics as an Element in the History of Thought. In: „The World of Mathematics", 1. kötet, (szerk.) J. R. Newman. 402—416. New York: Simon and Schuster, 1956.
[366] *Wigner, E. P.:* The Unreasonable Effectiveness of Mathematics in the Natural Sciences. Communications in Pure and Applied Mathematics. **13** 1—14 (1960).

www.interkonyv.hu © Műszaki Könyvkiadó, 1984

Hungarian translation © Székely J. Gábor, Typotex, 2010

[367] *Wilder, R. L.:* The Nature of Mathematical Proof. American Mathematical Monthly. **51** 309—323 (1944).
[368] *Wilder, R. L.:* The Foundations of Mathematics. New York: John Wiley and Sons, 1965.
[369] *Wilder, R. L.:* The Role of Intuition. Science. **156** 605—610 (1967).
[370] *Wilder, R. L.:* The Evolution of Mathematical Concepts. New York: John Wiley and Sons, 1968.
[371] *Wilder, R. L.:* Hereditary Stress as a Cultural Force in Mathematics. Historia Mathematica. **1** 29—46 (1974).
[372] *Wittgenstein, L.:* On Certainty. New York: Harper Torchbooks 1969.
[373] *Wronski, J. M.:* Oeuvres mathématiques. Reprinted Paris: J. Hermann, 1925.
[374] *Yates, F. A.:* Giordano Bruno and the Hermetic Tradition. Chicago: University of Chicago Press, 1964.
[375] *Yukawa, H.:* Creativity and Intuition. Tokyo, New York, San Francisco: Kodansha International, 1973.
[376] *Zagier, D.:* The First 50 Million Prime Numbers. The Mathematical Intelligencer. **0** 7—19 (1977).
[377] *Ziman, J.:* Public Knowledge: The Social Dimension of Science. Cambridge: Cambridge University Press, 1968.
[378] *Zippin, L.:* Uses of Infinity. Washington, D. C.: Mathematical Association of America, 1962.

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