

Contents

A Books and proceedings	1
B Research papers from mathematics	2
C Research papers from history of mathematics	8
D Math miscellanies	9
E Papers popularizing mathematics and its history	10
F Varia	11

A. Books and proceedings

- EISENREICH, G., SUBE, R., *et al.*: *Mathematik. Fachwörterbuch Englisch, Deutsch, Französisch, Russisch. Hauptband und Registerband* (German), Verlag Technik, Berlin 1982
Authors of the Slovak edition with Slovak translation BOCK, I., BODA, E., BOSÁK, J., BOŽEK, M., ČINČURA, J., ČIŽMÁR, J., DÁVID, A., DRAVECKÝ, J., GEDEONOVÁ, E., GRAJCÁR, M., KATRIŇÁK, T., KOMORNÍK, J., LEGÉŇ, A., LEHOTSKÝ, M., MEDEKOVÁ, T., PORUBSKÝ, Š., RUŽICKÝ, E., SMÍTAL, J., ŠUJAN, Š., ALFA, Bratislava 1982, 1682 p.
- MEDEK, V., BOSÁK, J., HLAVÁČ, T., CHVÁL, V., KRIŠTÁK, M., LEGÉŇ, A., MACKOVÁ, B., PIDANY, J., PORUBSKÝ, Š., REČIČÁR, K., REPÁŠ, V., RIEČAN, B.: *Matematická terminológia. [Mathematical Terminology]* (Slovak), 3rd ed., SPN, Bratislava 1984, 180 p.
- GROŠEK, O., PORUBSKÝ, Š.: *Šifrovanie – algoritmy, metódy, prax. [Cypher Systems – Algorithms, Methods, Practice]*, (Slovak), Grada, Praha 1992, 268 p.
- PORUBSKÝ, Š., PORUBSKÝ, JR., Š.: *Commodore 64 — obsluha a programové vybavenie. [Commodore 64 — Operation and Software Equipment]*, (Slovak), Grada, Praha 1993, 394 p.
- NEMOGA, K., PORUBSKÝ, Š. (Eds.), *Proceedings of the 12th Czech and Slovak International Number Theory Conference – Liptovský Ján, Slovakia, September 4–8, 1995*, Tatra Mt. Math. Publ., **11** (1997), 175 p.
fulltext
Math. Subj. Class. 94-06,
MR 2791630, Zbl 0872.00032
- JAKUBEC, S., NEMOGA, K., PORUBSKÝ, Š. (Eds.), *Proceedings of the 14th Czech and Slovak International Number Theory Conference – Liptovský Ján, Slovakia, September 5–11, 1999*, Tatra Mt. Math. Publ., **20** (2000).
fulltext
- PORUBSKÝ, Š.: *Fundamentals of Higher Mathematics*, Vol. I, University of Chemistry and Technology, Prague 2001, 448 p.
- STRAUCH, O., PORUBSKÝ, Š.: *Distribution of Sequences: A Sampler*, Schriftenreihe der Slowakischen Akademie der Wissenschaften. [Series of the Slovak Academy of Sciences], Vol. 1, Peter Lang International Academic Publishers, Bern, Brussels, Frankfurt am Main, New York, Dublin, Oxford, Vienna, and Warsaw 2005, xxii+543 p. ISBN 3-631-54013-2; 0-8204-7731-1/pbk
Math. Subj. Class. 11-02 (11J71 11K06 11K38),
MR 2290224 (2008b:11001), Zbl 1078.11051
Electronic revised and extended edition December 11, 2013, 651 p.

- GROŠEK, O., NEMOGA, K., PORUBSKÝ, Š. (Eds.), *Proceedings of the CECC'09, 9th Central European Conference on cryptography – Třebíč, Czech Republic, June 23–26, 2009*, Tatra Mt. Math. Publ., **47** (2010), 138 p.
fulltext
Math. Subj. Class. 94-06,
MR 2791630, Zbl 1213.94004

B. Research papers from mathematics

- PORUBSKÝ, Š., *O jednom špeciálnom prípade p-sústav. [A certain special case of p-systems.]*, (Slovak), Acta Fac. Rerum Natur. Univ. Comenian. Math., **21** (1968), 35-38 (1969).
fulltext
Math. Subj. Class. 10.06,
MR 0265278 (42 #189), Zbl 0191.32805
- PORUBSKÝ, Š., *Generalization of some results for exactly covering systems*, Mat. Časopis Slovensk. Akad. Vied, **22** (1972), 208-214.
fulltext
Math. Subj. Class. 10A10,
MR 0308021 (46 #7136), Zbl 0238.10040
- PORUBSKÝ, Š., ZNÁM, Š., *On covering of rings by their residue classes*, Acta Fac. Rerum Natur. Univ. Comenian. Math., **27** (1972), 45-51.
fulltext
Math. Subj. Class. 13A15,
MR 0409429 (53 #13184), Zbl 0246.13011
- PORUBSKÝ, Š., *Natural exactly covering systems of congruences*, Czechoslovak Math. J., **24(99)** (1974), 598-606.
fulltext
Math. Subj. Class. 10A10,
MR 0354520 (50 #6998), Zbl 0327.10005
- PORUBSKÝ, Š., *Covering systems and generating functions*, Acta Arith., **26** (1974/75), 3, 223-231.
fulltext
Math. Subj. Class. 10L05,
MR 0379423 (52 #328), Zbl 0268.10044
- PORUBSKÝ, Š., *On coverings of almost Dedekind domains*, Czechoslovak Math. J., **26(101)** (1976), 1, 145-153.
fulltext
Math. Subj. Class. 13F05,
MR 0389886 (52 #10716), Zbl 0327.13013
- PORUBSKÝ, Š., *On m times covering systems of congruences*, Acta Arith., **29** (1976), 2, 159-169.
fulltext
Math. Subj. Class. 10L05,
MR 0399033 (53 #2884), Zbl 0282.10033
- PORUBSKÝ, Š., *On exponents in arithmetical semigroups*, Monatsh. Math., **84** (1977), 1, 49-53.
fulltext
Math. Subj. Class. 10H40,
MR 0457385 (56 #15591), Zbl 0368.10036
- PORUBSKÝ, Š., *Commutative semi-primary x-semigroups*, Czechoslovak Math. J., **27(102)** (1977), 3, 467-472.
fulltext
Math. Subj. Class. 20M10,
MR 0457602 (56 #15807),

- PORUBSKÝ, Š., *Correction to my paper: “Commutative semi-primary x -semigroups”* (Czechoslovak Math. J. **27(102)** (1977), 467-472), Czechoslovak Math. J., **28(103)** (1978), 3, 505.
[fulltext](#)
 Math. Subj. Class. 20M10,
 MR 0492016 (58 #11180), Zbl 0398.20063
- PORUBSKÝ, Š., *On MacMahon’s segmented numbers and related sequences*, Nieuw Arch. Wisk. (3), **25** (1977), 3, 403-408.
[fulltext](#)
 Math. Subj. Class. 10L15 (05A17 10J20),
 MR 0485763 (58 #5575), Zbl 0375.10037
 - PORUBSKÝ, Š., *Translated geometric progressions and covering systems*, Časopis Pěst. Mat., **103** (1978), 2, 141-146, 202.
 Math. Subj. Class. 10A10,
 MR 0491434 (58 #10685), Zbl 0388.10034
 - PORUBSKÝ, Š., *On covering systems on rings*, Math. Slovaca, **28** (1978), 2, 147-152. [fulltext](#)
 Math. Subj. Class. 16A80,
 MR 526852 (80b:16031), Zbl 0375.13001
 - PORUBSKÝ, Š., *On theorems of Niven and Dressler*, Math. Slovaca, **28** (1978), 3, 243-246.
[fulltext](#)
 Math. Subj. Class. 10L10 (10H25),
 MR 534990 (80h:10065), Zbl 0418.10004
 - PORUBSKÝ, Š., *Sums of prime powers*, Monatsh. Math., **86** (1978/79), 4, 301-303. [fulltext](#)
 Math. Subj. Class. 10J15 (10B35),
 MR 527781 (80i:10065), Zbl 0395.10052
 - PORUBSKÝ, Š., *Sums of distinct terms from a fixed sequence*, Nordisk Mat. Tidskr., **25/26** (1978), 3-4, 185-187.
[fulltext](#)
 Math. Subj. Class. 10J15,
 MR 561797 (81m:10090), Zbl 0423.10007
 - PORUBSKÝ, Š., *On the density of certain sets in arithmetical semigroups*, Czechoslovak Math. J., **29(104)** (1979), 1, 148-152.
[fulltext](#)
 Math. Subj. Class. 10H40,
 MR 518150 (80c:10047), Zbl 0439.10033
 - PORUBSKÝ, Š., *Über die Dichtigkeit der Werte multiplikativer Funktionen*, Math. Slovaca, **29** (1979), 1, 69-72.
[fulltext](#)
 Math. Subj. Class. 10L10 (10H25),
 MR 561779 (81a:10066), Zbl 0403.10002
 - PORUBSKÝ, Š., *Results and problems on covering systems of residue classes*, Mitt. Math. Sem. Giessen, Heft 150, (1981), 85 p.
[fulltext](#)
 Math. Subj. Class. 10L20,
 MR 638657 (83b:10068), Zbl 0479.10032
 - PORUBSKÝ, Š., *On the probability that k generalized integers are relatively H -prime*, Colloq. Math., **45** (1981), 1, 91-99 (1982).
[fulltext](#)
 Math. Subj. Class. 10A20 (10K99),
 MR 652605 (83j:10008), Zbl 0484.10029
 - PORUBSKÝ, Š., *A characterization of finite unions of arithmetic sequences*, Discrete Math., **38** (1982), 1, 73-77.
[fulltext](#)
 Math. Subj. Class. 10L20 (05A17),
 MR 676521 (84a:10057), Zbl 0474.05001

- PORUBSKÝ, Š., *Factorial regular representation of groups in complete graphs*, Period. Math. Hungar., **13** (1982), 1, 9-14.
Math. Subj. Class. 05C25 (20F29),
MR 652885 (84k:05051), Zbl 0457.05037
- PORUBSKÝ, Š., *Further congruences involving Bernoulli numbers*, J. Number Theory, **16** (1983), 1, 87-94.
Math. Subj. Class. 11B68 (05A10),
MR 693395 (85b:11015), Zbl 0507.10008
- PORUBSKÝ, Š., *Voronoi's congruence via Bernoulli distributions*, Czechoslovak Math. J., **34(109)** (1984), 1, 1-5.
Math. Subj. Class. 11B68,
MR 731974 (85g:11024), Zbl 0543.10012
- PORUBSKÝ, Š., *Notes on density and multiplicative structure of sets of generalized integers*, *Topics in classical number theory, Vol. I, II (Budapest, 1981)*, Colloq. Math. Soc. János Bolyai, Vol. 34, pp. 1295-1315, North-Holland, Amsterdam, 1984. fulltext
Math. Subj. Class. 11B05,
MR 781186 (86e:11011), Zbl 0553.10038
- PORUBSKÝ, Š., SCHWARZ, W., *Sums of additive functions on arithmetical semigroups*, Colloq. Math., **53** (1987), 1, 137-146. fulltext
Math. Subj. Class. 11N37,
MR 890850 (88e:11087), Zbl 0624.10036
- PORUBSKÝ, Š., ŠALÁT, T., STRAUCH, O., *Transformations that preserve uniform distribution*, Acta Arith., **49** (1988), 5, 459-479. fulltext
Math. Subj. Class. 11K06,
MR 967332 (89m:11072), Zbl 0656.10047
- PORUBSKÝ, Š., ŠALÁT, T., STRAUCH, O., *On a class of uniformly distributed sequences*, Math. Slovaca, **40** (1990), 2, 143-170. fulltext
Math. Subj. Class. 11K06 (11K55),
MR 1094770 (92d:11076), Zbl 0735.11034
- PORUBSKÝ, Š., RÉNYI'S formula with remainder term on arithmetical semigroups, Math. Slovaca, **40** (1990), 1, 37-52. fulltext
Math. Subj. Class. 11N80 (11N37),
MR 1094971 (92a:11116), Zbl 0735.11045
- STRAUCH, O., PORUBSKÝ, Š., *Transformations that preserve uniform distribution. II*, Österreichisch-Ungarisch-Slowakisches Kolloquium über Zahlentheorie (Maria Trost, 1992), Grazer Math. Ber. **318**, 173-182, Karl-Franzens-Univ., Graz, 1993. fulltext
Math. Subj. Class. 11K06,
MR 1227415 (94e:11083), Zbl 0787.11030
- PASTÉKA, M., PORUBSKÝ, Š., *On distribution of sequences of integers*, Math. Slovaca, **43** (1993), 5, 521-539. fulltext
Math. Subj. Class. 11K06 (11K36),
MR 1273709 (95c:11096), Zbl 0803.11038
- PORUBSKÝ, Š., *Identities involving covering systems. I*, Math. Slovaca, **44** (1994), 2, 153-162. fulltext
Math. Subj. Class. 11A07 (11B68),
MR 1282532 (95f:11002), Zbl 0809.11012

- PORUBSKÝ, Š., *Identities involving covering systems. II*, Math. Slovaca, **44** (1994), 5, 555-568.
Math. Subj. Class. 11A07 (11B68),
MR 1338428 (96e:11006), Zbl 0821.11008
[fulltext](#)
- CHEN, Y.-G., PORUBSKÝ, Š., *Remarks on systems of congruence classes*, Acta Arith., **71** (1995), 1, 1-10.
Math. Subj. Class. 11B25,
MR 1338668 (96j:11014), Zbl 0823.11003
[fulltext](#)
- LAŠŠÁK, L. AND PORUBSKÝ, Š., *Fermat-Euler theorem in algebraic number fields*, J. Number Theory, **60** (1996), 2, 254-290.
Math. Subj. Class. 11R04 (11T30 13F05 13M05),
MR 1412963 (97f:11086), Zbl 0877.11069
[fulltext](#)
- KNOPFMACHER, J., PORUBSKÝ, Š., *Topologies related to arithmetical properties of integral domains*, Exposition. Math., **15** (1997), 2, 131-148.
Math. Subj. Class. 13J99 (13F99),
MR 1458761 (98g:13029), Zbl 0883.11043
[fulltext](#)
- PORUBSKÝ, Š., *On Smarandache's form of the individual Fermat-Euler theorem*, Proceedings of the First International Conference on Smarandache Type Notions in Number Theory (Craiova, 1997), 163-178, Am. Res. Press, Lupton, AZ, 1997,
Math. Subj. Class. 11A07 (11R04, 13F05),
MR 1615915 (99e:11003),
Reprinted in:
PORUBSKÝ, Š., *On Smarandache's form of the individual Fermat-Euler theorem*, Smarandache Notions J., **8** (1997), 1-3, 5-20.
Math. Subj. Class. 11A07 (11R04, 13F05),
MR 1630975 (99h:11004), Zbl 0945.11005
[fulltext](#)
- PORUBSKÝ, Š.: *Voronoï type congruences for Bernoulli numbers*, (Engel, P., Syta, H. (eds.)), in: *Voronoï's impact on modern science. Book I*, Proc. Inst. Math. Natl. Acad. Sci. Ukr., Math. Appl., **21(1)**, pp. 71-98, Institute of Mathematics, Kyiv 1998.
Math. Subj. Class. 11B68 11F85 11-02,
MR Ø, Zbl 0948.11012
Ukrainian translation:
Порубски, ІІ.: Конгруенції типу Вороного для чисел Бернуллі, (Сыта, Г., Юрацківський (eds.)), in: Вплив наукового доробку Г. Вороного на сучасну науку, Праці Інституту математики Національної Академії наук України, **48** (2003), 48-77, Національна Академія наук України, Інститут математики, Київ 2003.
[fulltext](#)
- PORUBSKÝ, Š., *Sets of regular systems of divisors of a generalized integer*, Ann. Math. Sil., **12** (1998), 149-156.
Math. Subj. Class. 11B75 (11N80), Zbl 0927.11048
MR 1673017 (2000b:11021),
[fulltext](#)
- PORUBSKÝ, Š., *Identities with covering systems and Appell polynomials*, (Győry, K. (ed.) et al.) *Number theory in progress, Volume 1: Diophantine problems and polynomials*. (International conference organized by the Stefan Banach International Mathematical Center in honor of the 60th birthday of Andrzej Schinzel, Zakopane-Kościelisko, Poland, June 30-July 9, 1997), pp. 407-417, de Gruyter, Berlin, 1999.
Math. Subj. Class. 11B68 (05A19 11B25 11B83 33E30),
MR 1689520 (2000e:11013), Zbl 0934.11009
[fulltext](#)

- PORUBSKÝ, Š., *Topologies induced by systems of divisors*, *Algebraic number theory and Diophantine analysis* (Graz, Austria, August 30-September 5, 1998), (Halter-Koch, F., Tichy, R.F. (eds.)) pp. 391-404, de Gruyter, Berlin, 2000. fulltext
Math. Subj. Class. 11B75 (11A25 11B05 11N80 13A05 20M14),
MR 1770475 (2001g:11026), Zbl 0957.11008
- PORUBSKÝ, Š., *Covering systems, Kubert identities and difference equations*, *Math. Slovaca*, **50** (2000), 4, 381-413. fulltext
Math. Subj. Class. 11B25 (11B68 33E30 39A10),
MR 1857297 (2002h:11013), Zbl 0991.11005
- PORUBSKÝ, Š., *Arithmetically related ideal topologies and the infinitude of primes*, *Quaest. Math.*, **24** (2001), 3, 373-391. fulltext
Math. Subj. Class. 11N80 (13A15),
MR 1883660 (2003f:11151), Zbl 1008.11036
- PORUBSKÝ, Š., SCHÖNHEIM, J., *Covering systems of Paul Erdős. Past, present and future*. in: *Paul Erdős and his mathematics*, Vol. I. Based on the conference, Budapest, Hungary, July 4-11, 1999, (Halász, G., Lovász, L., Simonovits, M., T. Sós, V. (eds.)) Bolyai Soc. Math. Stud., **11**, pp. 581-627, János Bolyai Math. Soc., Budapest, 2002. fulltext
Math. Subj. Class. 11B25 (05A18 11A07 11D68),
MR 1954716 (2004d:11006), Zbl 1055.11007
- PORUBSKÝ, Š., *Sperner type theorems for generalized divisors*, *Ann. Math. Sil.*, **16** (2002), 27-42 (2003). fulltext
Math. Subj. Class. 05D05 (06A07 11B75 11N80),
MR 2004177 (2004e:05195), Zbl 1082.05500
- PORUBSKÝ, Š. AND SCHÖNHEIM, J., *New necessary and sufficient conditions on (a_i, m_i) in order that $x \equiv a_i \pmod{m_i}$ be a covering system*, (Alavi, Y. (ed.) et al.) (The Ninth Quadrennial International Conference on Graph Theory, Combinatorics, Algorithms and Applications, Kalamazoo, MI, USA, June 4-9, 2000), *Electron. Notes Discrete Math.*, **11**, 5 pp. (electronic), Elsevier, Amsterdam 2002. fulltext
Math. Subj. Class. 11A07 (05B40),
MR 2155793, Zbl 1075.11500
- LUCA, F., PORUBSKÝ, Š., *The multiplicative group generated by the Lehmer numbers*, *Fibonacci Quart.*, **41** (2003), 2, 122-132. fulltext
Math. Subj. Class. 11B37 (11B39),
MR 1990520 (2004c:11016), Zbl 1044.11008
- PORUBSKÝ, Š. AND SCHÖNHEIM, J., *Old and new necessary and sufficient conditions on (a_i, m_i) in order that $n \equiv a_i \pmod{m_i}$ be a covering system*, *Math. Slovaca*, **53** (2003), 4, 341-49. fulltext
Math. Subj. Class. 11B25 (11A07 11B68),
MR 2025467 (2004j:11013), Zbl 1071.11012
- PORUBSKÝ, Š., *Structure of the group of quasi multiplicative arithmetical functions*, *Acta Acad. Paedagog. Agriensis Sect. Mat. (N.S.)*, **30** (2003), 133-145. fulltext
Math. Subj. Class. 11A25,
MR 2054723 (2005b:11006), Zbl 1050.11007
- PORUBSKÝ, Š., *Primitive sequences in arithmetical semigroups*, *Tatra Mt. Math. Publ.*, **32** (2005), 85-101. fulltext
Math. Subj. Class. 11N80 (11B05 11B83),
MR 2206914 (2006k:11188), Zbl 1150.11433

- LUCA, F., PORUBSKÝ, Š., *On asymptotic and logarithmic densities*, Tatra Mt. Math. Publ., **31** (2005), 75-86.
fulltext
Math. Subj. Class. 11B05,
MR 2208789 (2006m:11010), Zbl 1150.11341
- PORUBSKÝ, Š., *Notes on densities of sets of generalized integers*, Elementare und analytische Zahlentheorie, (Schwarz, W., Steuding, J. (eds.)) Schr. Wiss. Ges. Johann Wolfgang Goethe Univ. Frankfurt am Main, 20, pp. 255-266, Franz Steiner Verlag Stuttgart, Stuttgart 2006.
fulltext
Math. Subj. Class. 11B05 (11N80 26A12 40D25),
MR 2310185 (2008f:11009), Zbl 1193.11009
- GLÖCKNER, H., LUCHT, L.G., PORUBSKÝ, Š., *Solutions to arithmetic convolution equations*, Proc. Amer. Math. Soc., **135** (2007), 6, 1619-1629.
fulltext
Math. Subj. Class. 11A25 (46H30),
MR 2286069 (2008m:11010), Zbl 1113.11005
- LUCA, F., POMERANCE, C., PORUBSKÝ, Š., *Sets with prescribed arithmetic densities*, Unif. Distrib. Theory, **3** (2008), 2, 67-80.
fulltext
Math. Subj. Class. 11B05 (11N80),
MR 2480233 (2010d:11011), Zbl 1212.11018
- PORUBSKÝ, Š.: *On arithmetic densities of sets of generalized integers*, (Laurinčikas, A., Steuding, J., Syta, G. (eds.)), in: Voronoï's impact on modern science, Proceedings of the 4th International Conference on Analytic Number Theory and Spatial Tessellations, pp. 132-136, Institute of Mathematics, NAS of Ukraine, Kyiv 2008.
fulltext
- GLÖCKNER, H., LUCHT, L.G., PORUBSKÝ, Š., *General Dirichlet series, arithmetic convolution equations and Laplace transforms*, Studia Math., **193** (2009), 2, 109-129.
fulltext
Math. Subj. Class. 46H30 (44A10),
MR 2515515 (2010f:46075), Zbl 1177.11011
- PORUBSKÝ, Š., STRAUCH, O., *Binary sequences generated by sequences $\{n\alpha\}$* , $n = 1, 2, \dots$, Publ. Math. Debrecen, **77** (2010), 1-2, 139-170.
Math. Subj. Class. 11K45 (11B83),
MR 2675740 (2011f:11092), Zbl 1240.11084
- MARKO, F., PORUBSKÝ, Š., *A note on density and the Dirichlet condition*, Int. J. Number Theory, **8** (2012), 3, 823-830.
Math. Subj. Class. 11B05 (11A25 11N80),
MR 2904933, Zbl 1290.11012
- GROŠEK, O., PORUBSKÝ, Š., *Coprime solutions to $ax \equiv b \pmod{n}$* , J. Math. Cryptol., **7** (2013), 3, 217-224.
Math. Subj. Class. 11A07 (11D04 11D45 94A60),
MR 3107361, Zbl 06226102
- MARKO, F., PORUBSKÝ, Š.: *Topological aspects of infinitude of primes in arithmetic progressions*, Colloq. Math. **140** (2015), 2, 221-237.
Math. Subj. Class. 11B25 11N80 11N25 11A25 22A99 22A15
MR Ø, Zbl 06456784
- PORUBSKÝ, Š. AND STRAUCH, O., *A common structure of n_k 's for which $n_k\alpha \bmod 1 \rightarrow x$* , Publ. Math. Debrecen, **86** (2015), 3-4, 493-502.
Math. Subj. Class. 11K31 (11B05 11J71 11K38),
MR 3346100,

C. Research papers from history of mathematics

- PORUBSKÝ, Š.: *Leben und Werk von Matyáš Lerch (1860–1922). [Life and work of Matyáš Lerch (1860–1922).]* (German), (Toepell, M. (ed.)), in: *Mathematik im Wandel, Mathematikgeschichte und Unterricht Band 2* (Tagung der DMV Fachsektion *Geschichte der Mathematik* und des GDM – Arbeitskreises *Mathematikgeschichte und Unterricht*, Calw 1997), pp. 347–373 Franzbecker, Hildesheim 2001. fulltext
Math. Subj. Class. 01A70,
MR 1884294,
- PORUBSKÝ, Š.: *Fermat a teorie čísel aneb problematika dělitelů a dokonalá čísla. [Fermat and the theory of numbers, or the issue of divisors and perfect numbers.]* (Czech), (Solcová, A., Křížek, M., Mink, G. (eds.)), in: *Matematik Pierre de Fermat, Cahiers du CEFRES*, No. 28, pp. 49–86, Centre français de recherche en sciences sociales, Praha 2002. fulltext
- PORUBSKÝ, Š.: *Kniha „Bernoulliovy polynomy“ od Matyáše Lercha. [Matyáš Lerch's book: Bernoulli polynomials.]* (Czech), (Nekvasilová, J. (ed.)), in: *Circuli: 1933–2003, Acta Historiae Rerum Naturalium necnon Technicarum* (New Series), 7, 119–141 National Technical Museum, Department of the History of Technology, Prague, Society for the History of Science and Technology, Prague 2003. fulltext
Math. Subj. Class. 01A60 01A70 11B68 11-03 39A10,
MR Ø, Zbl 1248.01022
- PORUBSKÝ, Š.: *Jakob Philipp Kulik – ein vergessener Rechenkünstler. [Jakob Philipp Kulik – a forgotten arithmetician]*, (German), (Roloff, H., Weidauer, M. (eds.)), in: *Wege zu Adam Ries. Tagung zur Geschichte der Mathematik, Erfurt, Deutschland, 28. April–4. Mai 2002, Algorismus 43, 307–328*, ERV Dr. Erwin Rauner Verlag, Augsburg 2004. fulltext
Math. Subj. Class. 01A55 01A70 11Y70
MR Ø, Zbl 1254.01018
- PORUBSKÝ, Š., BESSER, B.P., *Jakob Philipp Kuliks Wirken in Graz. [Jakob Philipp Kulik's activities in Graz.]*, (German) *Beiträge zur Geschichte der Mathematik, Grazer Math. Ber.*, **355**, pp. 1–30, Institut für Mathematik, Karl-Franzens-Universität, Graz, 2010. fulltext
Math. Subj. Class. 01A70,
MR 2838605, Zbl 1244.01013
- PORUBSKÝ, Š.: *Jakob Philipp Kulik – eine Mathematikerlaufbahn durch die Kronländer. [Jakob Philipp Kulik – a mathematician's path through the crownlands]*, (German), (Hykšová, M., Reich, U. (eds.)), in: *Eintauchen in die mathematische Vergangenheit. Tagung zur Geschichte der Mathematik in Pfalzgrafenweiler im Schwarzwald, Deutschland, 20.5.–24.5. 2009, Algorismus 76, 154–167*, ERV Dr. Erwin Rauner Verlag, Augsburg 2011. fulltext
MR Ø, Zbl 1254.01018
- PORUBSKÝ, Š.: *Prostapheresis – a forgotten algorithm*, (Hadravová, A., Mahoney, T.J., Hadrava, P. (eds.)), in: *Kepler's heritage in the space age (400th anniversary of Astronomia nova)*, Acta Historiae Rerum Naturalium necnon Technicarum (New Series), **10**, pp. 63–80 National Technical Museum, Prague 2003. fulltext
Math. Subj. Class. 01A60 01A70 11B68 11-03 39A10,
MR Ø, Zbl 1248.01022
- PORUBSKÝ, Š.: *Dokonalé čísla. Najstarší otvorený problém matematiky. [Perfect numbers. The oldest open mathematical problem.]*, (Slovak), (Bečvář, J., Bečvářová, M. (eds.)), in: *Historie matematiky*, 29. Mezinárodní konference, Velké Meziříčí (CZ), Aug. 22–26, 2008, pp. 33–48 Matfyzpress, Praha, 2008. fulltext

- PORUBSKÝ, Š.: *Ako rýchle vieme a môžeme násobiť.* [How quickly we can and we are able to multiply.], (Slovak), (Bečvář, J., Bečvárová, M. (eds.)), in: *Historie matematiky*, 30. Mezinárodní konference, Jevíčko (CZ), 21.08.2009–25.08.2009, pp. 173–179 Matfyzpress, Praha 2009. fulltext
- PORUBSKÝ, Š., *Four decades of Czech and Slovak number theory conferences*, Tatra Mt. Math. Publ., **56** (2013), 1–25. fulltext
Math. Subj. Class. 01A74 (11-03),
MR 3184888, Zbl 1290.11001
- PORUBSKÝ, Š., *Matyáš Lerch (1860–1922)*, Šiauliai Math. Semin., **8(16)**, (2013), 197–222. fulltext
Math. Subj. Class. 01A70 (01A55 01A60),
MR 3265054, Zbl 1302.01021

D. Math miscellanies

- PORUBSKÝ, Š.: *Hra aritmomachia.* [Arithmomachia game], (Slovak), Rozhledy mat. – fyzikální **46** (1967/68), 5, 253–255. fulltext
- PORUBSKÝ, Š., *Příklad č.3 v II.kole kategorie A*, XVI.ročník MO, šk. rok 1967/68. [Problem no. 3 of the 2nd round of category A of the 16th Czechoslovak Math. Olympiad, school year 1967/68]. fulltext
- PORUBSKÝ, Š., *příklad č.2 v II.kole kategorie B*, XVI.ročník MO, šk. rok 1967/68. [Problem no. 2 of the 2nd round of category B of the 16th Czechoslovak Math. Olympiad, school year 1967/68]. fulltext
- PORUBSKÝ, Š.: *Problem E 2351*, Amer. Math. Monthly **79** (1972), 394. fulltext
- PORUBSKÝ, Š.: *Anotace Pokrývajúce sústavy zvyškových tried.* [Synopsis Covering systems of residue classes] (Slovak), Vybrané výsledky výskumné činnosti ČSAV a SAV, (1974), 1, 29.
- PORUBSKÝ, Š.: *i*, (Slovak), Matem. obzory **11** (1977), 11–22. fulltext
- PORUBSKÝ, Š.: *Anotace Aditívna teória čísel.* [Synopsis Additive theory of numbers] (Slovak), Vybrané výsledky výskumné činnosti ČSAV a SAV, (1977), 1, 103.
- PORUBSKÝ, Š.: *On the probability that k generalized integers are relatively H -prime*, Abstracts of short communications and poster sessions, International Congress of Mathematicians, Helsinki 1978, p. 37.
- PORUBSKÝ, Š.: *Factorial regular representation* (abstract), Graph Theory Newsletter **10** (1981), 4.
- PORUBSKÝ, Š.: *Kalendár tajov zbavený.* [Calendar mysteries stripped.], (Slovak), Rozhledy mat. – fyzikální **60** (1981/82), 56–64. fulltext
- PORUBSKÝ, Š.: *On a class of uniformly distributed sequences*, Abstracts of short communications I, International Congress of Mathematicians, Warsaw 1982, p. 46. fulltext
- PORUBSKÝ, Š.: *Niekoľko algoritmov pre kalkulačku I*, (Slovak), Matem. obzory **18** (1982), 77–98. fulltext
- PORUBSKÝ, Š.: *Niekoľko algoritmov pre kalkulačku II*, (Slovak), Matem. obzory **19** (1982), 61–72. fulltext

- PORUBSKÝ, Š.: *Ako rozlosovať turnaj. [How to design a tournaments schedule.]*, (Slovak), Rozhledy mat. – fyzikální **64** (1985/86), 408-412. fulltext
- PORUBSKÝ, Š.: *Functions that preserve uniform distribution* (Preliminary announcement), Acta Math. Univ. Comenianae **50-51** (1987), 223-225. fulltext
- LAŠŠÁK, M., PORUBSKÝ, Š.: *Fermat–Euler theorem in finite commutative rings (Preliminary report)*, in: *A Semigroup Forum*, (Workshop on the occasion of 80 years of Prof. Dr. Štefan Schwarz, DrSc. (Kočovce (SK), May 29-31, 1994)), pp. 9-17, Chair of Mathematics, Slovak Technical University, Bratislava. fulltext
- PORUBSKÝ, Š.: $570\,918\,348 \cdot 10^{5^{120}} \pm 1$, (Slovak), Rozhledy mat. – fyzikální **74** (1997), 1, 8-14; 2, 49-56. fulltext
- PORUBSKÝ, Š.: *Polynomials and rational functions of one variable*, (Hitzler, P., Kalmbach, G. (eds.)), in: *Begantenförderung im MINT – Bereich (Mathematik, Informatik, Naturwissenschaften, Technik)*, 3, pp. 99-191 Aegis Verlag, Ulm 1999. fulltext
- PORUBSKÝ, Š.: *O dôkazoch spočítateľnosti. [On countability proofs.]*, (Slovak), Rozhledy mat. – fyzikální **77** (2000), 2-3, 8-14. fulltext
- PORUBSKÝ, Š.: *Quasimodo v ríši grúp. [Quasimodo in the kingdom of groups.]*, (Slovak), (Komzsík, A., Szabó, T. (eds.)), in: *Ab igne ignem (K 75. narodeninámm Bélu Lászlóra; László Béla 75. születésnapjára)*, pp. 61-72, Univerzita Konštantína Filozofa v Nitre (Nyitrai Konstantin Filozófus Egyetem), Fakulta stredoeurópskych štúdií (Közép-európai Tanulmányok Kara), Nitra 1999. fulltext

E. Papers popularizing mathematics and its history

- PORUBSKÝ, Š.: *Nekorunovaný kráľ matematiky – C.F.Gauß. [Uncrowned king of mathematics – C.F.Gauß.]*, (Slovak), Príroda a spoločnosť (1977), 9, 38-43. fulltext
- PORUBSKÝ, Š.: *Fieldsova prémia — „Nobelova cena“ matematiky. [Fields' Medal – Nobel Prize of mathematics.]*, (Slovak), Nedělná pravda, January 19, 1979. fulltext
reprinted in: Výber **XII** (1979), 7, p. 17. fulltext
- PORUBSKÝ, Š.: *Matematika nie je nijaké bosoráctvo. [Mathematics is no sorcery.]*, (Slovak), Príroda a spoločnosť **XXVIII** (1979), 22, 16-22. fulltext
- PORUBSKÝ, Š.: *Zabudol Nobel na matematiku. [Forgot Nobel the mathematics.]*, (Slovak), Smena na nedelu, March 19, 1982. fulltext
- PORUBSKÝ, Š.: *Šifry a kľúče. [Ciphers and keys.]*, (Slovak), Smena na nedelu, September 16, 1982. fulltext
- PORUBSKÝ, Š.: *Leonard Euler — otec modernej matematiky. [Leonard Euler — father of modern mathematics.]*, (Slovak), Smena na nedelu, September 16, 1983. fulltext
- PORUBSKÝ, Š.: *Kľukaté cesty kalendára. [Zig-zag ways of the calendar.]*, (Slovak), Smena na nedelu. fulltext
- PORUBSKÝ, Š.: *Nobelem matematiky je Fields. [Nobel of mathematics is Fields.]*, (Czech), Magazín MF Dnes, (1994), 34, p. 28 (odborná spolupráce F.Houdek). fulltext
- PORUBSKÝ, Š.: *Fieldsova prémia — „Nobelova cena“ matematiky. [Fields' Medal – Nobel Prize of mathematics.]*, (Czech), Informace Mat. věd. sekce JČMF, (1994), 43, 17-22. fulltext

F. Varia

- *Hovoríme s najlepšími žiakmi školy.* [We speak with the school's top students.], (Slovak), interview for Noviny Školskej organizácie ČSM pri Strednej priemyselnej škole vo Zvolene, **VII** Sept. 1964, p. 2 fulltext
- PORUBSKÝ, Š.: *Expansia matematiky.* [Expansion of mathematics.], (Slovak), Práca **XXXV** (1980), 307, 5.
- PORUBSKÝ, Š.: *Matematická terminológia v oblasti aritmetiky a teórie čísel.* [Mathematical terminology in arithmetics and number theory.], (Slovak), Kultúra slova, **16** (1982), 34, 350-365. fulltext
- PORUBSKÝ, Š.: *Medzinárodný kongres matematikov.* [International Congress of Mathematicians.], (Slovak), Správy SAV, **XIX** (1983), 9, 8-10. fulltext
- PORUBSKÝ, Š.: *Činnosť Matematického ústavu SAV.* [Activities of the Mathematical Institute of the Slovak Academy of Sciences.], (Slovak), Správy SAV, **XX** (1984), 4, 16-21. fulltext
- PORUBSKÝ, Š.: *Tridsať rokov Matematického ústavu SAV.* [Thirty years of the Mathematical Institute of the Slovak Academy of Sciences.], (Slovak), Správy SAV, **XXV** (1989), 4, 6-14. fulltext
- (translation into Slovak:) SCHROED, J.: *Components of TeX.* [Komponenty TeX-u], Zpravodaj Československého sdružení užívateľov TeX-u, (1993), 1, 1-10. fulltext
- PORUBSKÝ, Š.: *Sedíme si na spirále vývoje našeho školství?* [Are we sitting on a spiral development of our educational system?], (Czech), Informace Matematické vědecké sekce JČMF, (1994), 42, 17-24. fulltext
- (translation into Slovak:) MITTELBACH, .F.: *E-Tex: Guidelines for future TeX.* [Sprievodca budúcimi rozšíreniami TeX-u.], Zpravodaj Československého sdružení užívateľov TeX-u, (1994), 1, 1-20. fulltext
- (translation into Slovak:) STODOLA, A.: *Ueber die Beziehungen der Technik zur Mathematik.* [O vzťahu techniky k matematike.], Sborník 23. konference o matematice na VŠTEZ(P), (1994), Praha pp. 95-101. fulltext
- PORUBSKÝ, Š.: *Jednota a história matematiky – dva piliere jej vyučovania.* [Unity and history of mathematics - the two pillars of its teaching.], (Slovak), Zpravodaj Komise pro matematiku na VŠTEZ(P), **6** (1994), 31-38. fulltext
- PORUBSKÝ, Š.: *Příspěvek do Diskuse o zaměření, struktuře i problémech chemických vysokých škol.* [A contribution to Discussion on the orientation, structure and problems of chemical universities.], (Slovak), Chemické listy, **88** (1994), 316-319. fulltext
- PORUBSKÝ, Š.: *Mezinárodní matematický kongres ICM-94, Zürich.* [International Congress of Mathematicians ICM-94, Zürich.], (Czech), Informace Matematické vědecké sekce JČMF, (1994), 43, 15-17. fulltext
- PLESNÍK, J., PORUBSKÝ, Š., ROSA, A., ŠIRÁŇ, J., *Professor Štefan Znám (1936–1993),* Math. Slovaca, **44**, (1994), 3, 385-392. fulltext
Math. Subj. Class. 01A70,
MR 1307327, Zbl 0808.01025
- PORUBSKÝ, Š.: *Matematická kniha stojí viac ako kakao na niekoľko rokov.* [Mathematical book is worth more than cocoa for several years.], (Slovak), Interview for Hospodárske noviny, August 10, 2006. fulltext; HN-Online

- KARATSUBA, A. A., PORUBSKÝ, Š., ROKYTA, M., VLÁŠEK, Z., *Prof. RNDr. Břetislav Novák, DrSc. (1938–2003) would be seventy*, Math. Bohem., **133**, (2008), 2, 209-218.
fulltext
Math. Subj. Class. 01A70,
MR 2428316,
- PORUBSKÝ, Š., BALÁŽ, V., Mišík, L., TÓTH, J., *Septuagenarian Oto Strauch*, Unif. Distrib. Theory, **9**, (2014), 1, i-xv.
fulltext
Math. Subj. Class. 01A70,
MR 3237071,