

# Matematika ve staré Indii

---

## Seznam literatury

In: Irena Sýkorová (author): Matematika ve staré Indii. (Czech). Praha: Matfyzpress, Vydavatelství Matematicko-fyzikální fakulty Univerzity Karlovy v Praze, 2016. pp. 323–332.

Persistent URL: <http://dml.cz/dmlcz/404223>

## Terms of use:

© Sýkorová, Irena

© Matfyzpress, Vydavatelství Matematicko-fyzikální fakulty Univerzity Karlovy v Praze

Institute of Mathematics of the Czech Academy of Sciences provides access to digitized documents strictly for personal use. Each copy of any part of this document must contain these *Terms of use*.



This document has been digitized, optimized for electronic delivery and stamped with digital signature within the project *DML-CZ: The Czech Digital Mathematics Library* <http://dml.cz>

## SEZNAM LITERATURY

- [ABK] Antonovová K. A., Bongard-Levin G. M., Kotovskij G. G., *Dějiny Indie*, Praha: Svoboda, 1980.
- [ArV] Archimedes, *Počít pískový*, přeložil M. Valouch, Výroční zpráva gymnázia v Lito-myšli 1905/06, reprint, Praha: Matice technická, 1993.
- [As1] *Edicts of Ashoka*, Wikipedia, [online], 2013, [cit. 12.8.2013], <[http://en.wikipedia.org/wiki/Edicts\\_of\\_Ashoka](http://en.wikipedia.org/wiki/Edicts_of_Ashoka)>.
- [As2] *Pillars of Ashoka*, Wikipedia, [online], 2008, [cit. 1.9.2013], <[http://en.wikipedia.org/wiki/Pillars\\_of\\_Ashoka?oldid=212428864](http://en.wikipedia.org/wiki/Pillars_of_Ashoka?oldid=212428864)>.
- [BaMi] Babuāji Miśra M., *The Siddhānta-śekhara of Śrīpati. A Sanskrit Astronomical Work of the 11th Century*, Calcutta: Calcutta University Press, 1932.
- [Bag1] Bag A. K., *Binomial Theorem in Ancient India*, Indian Journal of History of Science **1(1)** (1966), 68–74.
- [Bag2] ———, *The Method of Integral Solution of Indeterminate Equations of the Type:  $by = ax \pm c$  in Ancient and Medieval India*, Indian Journal of History of Science **12(1)** (1977), 1–16.
- [Bag3] ———, *Ritual Geometry in India and Its Parallelism in Other Cultural Areas*, Indian Journal of History of Science **25(1–4)** (1990), 4–19.
- [Bag4] ———, *Al-Biruni on Indian Arithmetic*, Indian Journal of History of Science **10(2)** (1975), 174–184.
- [BaSh] Bag A. K., Shen K. S., *Kuṭṭaka and Qiuyishu*, Indian Journal of History of Science **19(4)** (1984), 397–405.
- [Bar] Barbeau E. J., *Pells Equation*, New York: Springer, 2003.
- [BaT] Bártlová T., *Archimédova úloha o dobytku*, in Z. Halas (ed.): Archimédés. Několik pohledů do jeho života a díla. Dějiny matematiky, svazek 54, Praha: Matfyzpress, 2012, 99–107.
- [Baš] Bašmakova I. G., *Diofant i diofantovy uravňenija*, Moskva: Nauka, 1972.
- [BBV] Bečvář J., Bečvářová M., Vymazalová H., *Matematika ve starověku. Egypt a Mezopotámie*, Dějiny matematiky, svazek 23, Praha: Prometheus, 2003.
- [BS] Bečvář J., Štoll I., *Archimedes. Největší vědec starověku*, Velké postavy vědeckého nebe, svazek 11, Praha: Prometheus, 2005.
- [BeJ1a] Bečvář J., *Gerbert z Aurillacu – Silvestr II*, in J. Bečvář (ed.): Matematika ve středověké Evropě. Dějiny matematiky, svazek 19, Praha: Prometheus, 2001, 185–230.
- [BeJ1b] ———, *Leonardo Pisánský – Fibonacci*, in J. Bečvář (ed.): Matematika ve středověké Evropě. Dějiny matematiky, svazek 19, Praha: Prometheus, 2001, 265–340.
- [BeJ2] ———, *Hrdinský věk řecké matematiky*, in J. Bečvář, E. Fuchs (eds.): Historie matematiky I, Seminář pro vyučující na středních školách, Jevíčko 19. 8.–22. 8. 1993, Dějiny matematiky, svazek 1, Brno: Prometheus, 1994, 21–101.
- [BeJ3] ———, *Hrdinský věk řecké matematiky II*, in J. Bečvář, E. Fuchs (eds.): Historie matematiky II, Seminář pro vyučující na středních školách, Jevíčko 21. 8.–24. 8. 1995, Dějiny matematiky, svazek 7, Praha: Prometheus, 1997, 7–28.

- [BeJ4] ———, *Výpočty odmocnin ve starověku*, in Z. Halas (ed.): Archimédés. Několik pohledů do jeho života a díla. Dějiny matematiky, svazek 54, Praha: Matfyzpress, 2012, 111–123.
- [BeM1] Bečvářová M., *Eukleidovy Základy, jejich vydání a překlady*, Dějiny matematiky, svazek 20, Praha: Prometheus, 2002.
- [BeM2] ———, *Středověké početní algoritmy*, in Bečvář J. (ed.): Matematika ve středověké Evropě. Dějiny matematiky, svazek 19, Praha: Prometheus, 2001, 231–364.
- [Beh] Behari R., *Āryabhata as a Mathematician*, Indian Journal of History of Science **12(2)** (1977), 147–149.
- [BhMu] Bhanu Murthy T. S., *A Modern Introduction to Ancient Indian Mathematics*, New Delhi: New Age International Publishers, 1992.
- [BhRK] Bhattacharyya R. K., *Brahmagupta: The Ancient Indian Mathematician*, in B. S. Yadav, M. Mohan (eds.): Ancient Indian Leaps Into Mathematics, New York: Springer, 2011, 185–192.
- [Bo] Boyer C. B., *A History of Mathematics*, New York: John Wiley & sons, 1968.
- [BuA1] Bürk A., *Das Āpastamba-Śulba-Sūtra*, Zeitschrift D.M.G **55** (1901), 543–591.
- [BuA2] ———, *Das Āpastamba-Śulba-Sūtra*, Zeitschrift D.M.G **56** (1902), 327–391.
- [BuDM] Burton D. M., *Elementary Number Theory*, fourth edition, New York: McGraw-Hill, 1998.
- [Cal] Caland W., *The Baudhāyana Śrauta Sūtra Belonging to the Taittirīya Saṃhitā*, Calcutta: The Baptist Mission Press, 1904.
- [Cla] Clark W. E., *The Āryabhaṭīya of Āryabhaṭa*, Chicago, Illinois: The University of Chicago Press, 1930.
- [Col] Colebrooke H. T., *Algebra, with Arithmetic and Mensuration from the Sanscrit of Brahmagupta and Bhascara*, London: John Murray, 1817.
- [CR] O'Connor J., Robertson E., *Index of Ancient Indian Mathematics*, [online], 2005, [cit. 7.9.2006], <<http://www-history.mcs.st-andrews.ac.uk/Indexes/Indians.html>>.
- [Dan] Dani S. G., *On the Pythagorean Triples in the Śulvasūtras*, Current Science **85(2)** (2003), 219–224.
- [Dat] Datta B., *Ancient Hindu Geometry: The Science of the Sulba*, New Delhi: Cosmo publications, 1993.
- [DS1] Datta B., Singh A. N., *History of Hindu Mathematics (part I)*, Lahore: Molital Banarsidass, 1935.
- [DS2] ———, *History of Hindu Mathematics (part II)*, Lahore: Molital Banarsidass, 1938.
- [DS3] ———, *Hindu Geometry (revised by Kripa Shankar Shukla)*, Indian Journal of History of Science **15(2)** (1980), 121–188.
- [DS4] ———, *Magic Squares in India*, Indian Journal of History of Science **27(1)** (1992), 51–70.
- [DS5] ———, *Use of Permutations and Combinations in India*, Indian Journal of History of Science **27(3)** (1992), 231–249.
- [DS6] ———, *Use of Series in India*, Indian Journal of History of Science **28(2)** (1993), 103–129.

- [DS7] ———, *Surds in Hindu Mathematics*, Indian Journal of History of Science **28(3)** (1993), 253–264.
- [DS8] ———, *Approximate Values of Surds in Hindu Mathematics*, Indian Journal of History of Science **28(3)** (1993), 265–275.
- [Di] Dickson L. E., *History of the Theory of Numbers. Vol. II Diophantine Analysis*, Providence, Rhode Island: AMS Chelsea Publishing, 1992.
- [Do] Dongre N. G., *Metrology and Coinage in Ancient India and Contemporary World*, Indian Journal of History of Science **29(3)** (1994), 361–373.
- [Du] Dutta A. K., *Nārājana's Treatment on Varga-prakṛti*, Indian Journal of History of Science **47(4)** (2012), 633–677.
- [DvP] Dvivedi P., *The Gaṇita-kaumudī by Nārāyaṇa Paṇḍita (Part II)*, Benares: Government Sanskrit College, 1942.
- [DvS] Dvivedi S., *Mahāsiddhānta, a Treatise on Astronomy by Āryabhaṭ*, Benares: Chandraprabha Press, 1910.
- [En1] *Āryabhaṭa I*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 23.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830900173.html>>.
- [En2] *Brahmagupta*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 17.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830900597.html>>.
- [En3] *Bhāskara I*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 17.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830900438.html>>.
- [En4] *Lalla*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 17.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830902431.html>>.
- [En5] *Mahāvīra*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 17.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830902766.html>>.
- [En6] *Śrīdhara*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 23.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830904113.html>>.
- [En7] *Āryabhaṭa II*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 23.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830900174.html>>.
- [En8] *Śrīpati*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 23.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830904114.html>>.
- [En9] *Bhāskara II*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 17.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830900439.html>>.
- [En10] *Nārāyaṇa*, Complete Dictionary of Scientific Biography, Encyclopedia.com, [online], 2008, [cit. 23.1.2012], <<http://www.encyclopedia.com/doc/1G2-2830903108.html>>.

- [Er] Ernestová M., *Soustavy algebraických rovnic a jejich řešení ve starověku a středověku*, disertační práce, Praha: Universita Karlova, Matematicko-fyzikální fakulta, 2005.
- [Eu] *Eukleidovy Základy (Elementa)*, přeložil F. Servít, Praha: Nákladem Jednoty českých matematiků, 1907.
- [FSW] Farmer S., Sproat R., Witzel M., *The Collapse of the Indus-Script Thesis: The Myth of a Literate Harappan Civilization*, *Electronic Journal of Vedic Studies* **11(2)** (2004), [online], 19–57, [cit. 2.9.2013], <<http://www.ejvs.laurasianacademy.com/ejvs1102/ejvs1102article.pdf>>.
- [Fi] Filipský J., *Indie*, Praha: Libri, 2008.
- [FV] Filipský J., Vacek J., *Ašóka*, Praha: Svoboda, 1970.
- [Fu] Fuchs E., *Magické čtverce aneb Od knihy I-ťing k internetové současnosti*, in *Matematika, fyzika a vzdělávání*, Brno: VUTIUM, 2004, 29–63.
- [Gu1] Gupta R. C., *Circumference of the Jambudvīpa in Jaina Cosmography*, *Indian Journal of History of Science* **10(1)** (1975), 38–46.
- [Gu2] ———, *On Some Mathematical Rules from the Aryabhatiya*, *Indian Journal of History of Science* **12(2)** (1977), 200–206.
- [Gu3] ———, *Spread and Triumph of Indian Numerals*, *Indian Journal of History of Science* **18(1)** (1983), 23–38.
- [Gu4] ———, *Some Equalization Problems from the Bakhshali Manuscript*, *Indian Journal of History of Science* **21(1)** (1986), 51–61.
- [Gu5] ———, *Sundaraja's Improvements of Vedic Circle-square Conversion*, *Indian Journal of History of Science* **28(2)** (1993), 81–101.
- [Gu6] ———, *India's Contributions to Chinese Mathematics Through the Eighth Century C.E.*, in B. S. Yadav, M. Mohan (eds.): *Ancient Indian Leaps Into Mathematics*, New York: Springer, 2011, 33–44.
- [HaT1] Hayashi T., *The Bakhshali Manuscript: An Ancient Indian Mathematical Treatise*, Groningen: Egbert Forsten, 1995.
- [HaT2] ———, *Govindasvāmin's Arithmetic Rules Cited in the Kriyākramakarī of Śāṅkara and Nārāyaṇa*, *Indian Journal of History of Science* **35(3)** (2000), 181–223.
- [HaJ] Hays J., *Fact and Details: Indus Civilization and Culture*, [online], 2012, [cit. 12.8.2013], <<http://factsanddetails.com/Asian.php?itemid=2575>>.
- [Hea] Heath T., *A History of Greek Mathematics, Volume I, From Thales to Euclid*, Oxford: Clarendon Press, 1921.
- [Hen] Henderson D. W., *Square Roots in the Sulbasutra*, in C. A. Gorini (ed.): *Geometry at Work, Papers in Applied Geometry*, MAA Notes Number 53, 2000, 39–45.
- [HI] *History of India*, [online], 2008, [cit. 2.9.2013], <<http://www.indohistory.com/geography.html>>.
- [Hoe] Hoernle R., *On the Bakhshālī Manuscript*, Vienna: Alfred Hölder, 1887.
- [Hu] Hudeček J., *Matematika v devíti kapitolách. Překlad, vysvětlivky a úvod*, *Dějiny matematiky*, svazek 37, Praha: Matfyzpress, 2008.
- [Chan] Channabasappa M. N., *On the Square Root Formula in the Bakhshali Manuscript*, *Indian Journal of History of Science* **11(2)** (1976), 112–124.
- [Char] Charvát P., *Zrození státu: prvotní civilizace Starého světa*, Praha: Karolinum, 2011.

- [Chat] Chatterjee B., *The Khaṇḍakhādya (an Astronomical Treatise) of Brahmagupta with Commentary of Bhaṭṭotpala*, Calcutta: Baptist Mission Press, 1970.
- [Chi] Chinčín A. J., *Řetězové zlomky*, Praha: Přírodovědecké vydavatelství, 1952.
- [JaBS] Jain B. S., *On the Ganita-sara-sangraha of Mahavira (c. 850 A. D.)*, Indian Journal of History of Science **12**(1) (1977), 17–32.
- [JaLC] Jain L. C., *On Certain Mathematical Topics of the Dhavala Texts (the Jaina School of Mathematics)*, Indian Journal of History of Science **11**(2) (1976), 85–111.
- [JaP] Jain P., *Jaina Mathematicians and their Treatise: with Reference to Indian Mathematics*, International Journal of Physical and Mathematical Sciences **2**(1) (2011), 57–63.
- [Jha] Jha V. N., *Indeterminate Analysis in the Context of the Mahāsiddhānta of Āryabhaṭa II*, Indian Journal of History of Science **29**(4) (1994), 565–578.
- [Jo1] Joseph G. G., *The Crest of the Peacock*, London: Penguin Books, 1990.
- [Jo2] ———, *A Brief History of Zero*, Iranian Journal for the History of Science **6** (2008), 37–48.
- [Ju] Juškevič A. P., *Dějiny matematiky ve středověku*, Praha: Academia, 1977.
- [Kak1] Kak S. C., *Computational Aspects of the Aryabhata Algorithm*, Indian Journal of History of Science **21**(1) (1986), 62–71.
- [Kak2] ———, *On the Chronology in Ancient India*, Indian Journal of History of Science **22**(3) (1987), 222–234.
- [Kak3] ———, *Some Early Codes and Ciphers*, Indian Journal of History of Science **24**(1) (1989), 1–7.
- [Kak4] ———, *Three Old Indian Values of  $\pi$* , Indian Journal of History of Science **32**(4) (1997), 307–314.
- [Kak5] ———, *yamātārājabhānasalagām: An Interesting Combinatoric Sūtra*, Indian Journal of History of Science **35** (2000), 123–127.
- [KakS] Kak S., *The Golden Mean and the Physics of Aesthetics*, in B. S. Yadav, M. Mohan (eds.): *Ancient Indian Leaps Into Mathematics*, New York: Springer, 2011, 111–120.
- [KaHR] Kāpadiā H. R., *Gaṇita Tilaka by Śrīpati*, Baroda: Oriental Institute, 1937.
- [Kap] Kapur K., *History of Ancient India (Portraits of a Nation)*, New Delhi: Sterling Publishers Pvt. Ltd, 2010.
- [Kat] Katz V., *The Mathematics of Egypt, Mesopotamia, China, India and Islam*, Princeton, New Jersey: Princeton University Press, 2007.
- [Kay1] Kaye G. R., *The Bakhshali manuscript: a study in medieval mathematics (parts 1-2)*, Calcutta: Government of India Central Publication Branch, 1927.
- [Kay2] ———, *The Bakhshali manuscript: a study in medieval mathematics (part 3)*, Calcutta: Government of India Central Publication Branch, 1933.
- [Ke1] Keller A., *Expounding the Mathematical Seed: A Translation of Bhāskara I, on the Mathematical Chapter of the Āryabhatīya*, Basel: Birkhäuser, 2006.
- [Ke2] ———, *On Sanskrit Commentaries Dealing with Mathematics (Fifth-Twelfth Century)*, in F. Bretelle-Establet (ed.): *New corpuses in the History of Science*, Boston: Springer, 2010.

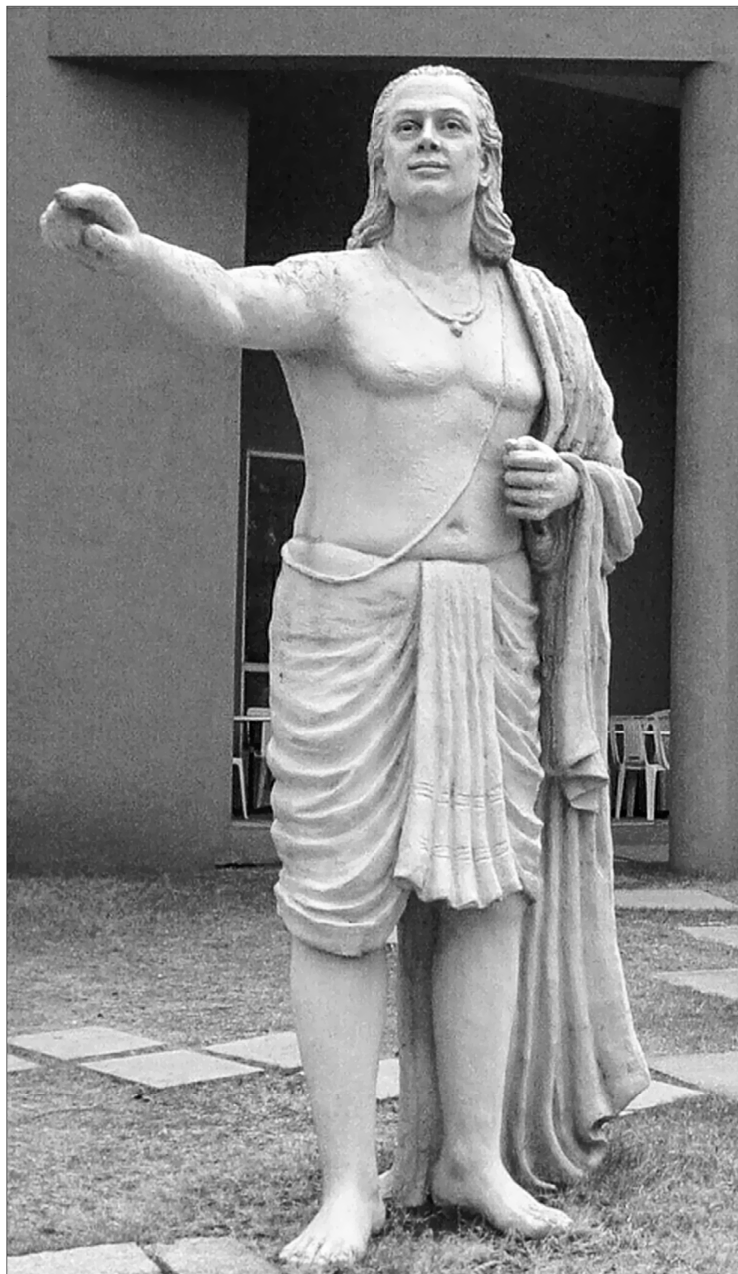
- [Ke3] ———, *Making Diagrams Speak, in Bāskara I's Commentary on the Āryabhatīya*, *Historia Mathematica* **32(3)** (2005), 275–302.
- [KM] Kenoyer J. M., Meadow R. H., *Harappa*, [online], 1996–2008, [cit. 12.8.2013], <<http://www.harappa.com/>>.
- [Ken] Kenoyer J. M., *Mohenjo-Daro!*, [online], 2005–2009, [cit. 12.8.2013], <<http://www.mohenjodaro.net/>>.
- [Kn] Knudsen T. L., *On the Application of Areas in the Śulbasūtras*, in B. S. Yadav, M. Mohan (eds.): *Ancient Indian Leaps Into Mathematics*, New York: Springer, 2011, 63–73.
- [KSS] Křížek M., Somer L., Šolcová A., *Kouzlo čísel: od velkých objevů k aplikacím*, Praha: Academia, 2011.
- [Ku1] Kulkarni R. P., *Value of  $\pi$  Known to Śulbasūtrakāras*, *Indian Journal of History of Science* **13(1)** (1978), 32–41.
- [Ku2] ———, *Geometry as Known to the People of Indus Civilization*, *Indian Journal of History of Science* **13(2)** (1978), 117–124.
- [Len] Lenstra H. W., Jr., *Solving the Pell Equation*, *Notices Amer. Math. Soc.* **49(2)** (2002), 182–192.
- [Lo1] Lo L., *Brahmi*, *Ancientscripts.com*, [online], 1996–2012, [cit. 23.1.2012], <<http://www.ancientscripts.com/brahmi.html>>.
- [Lo2] Lo L., *Kharosthi*, *Ancientscripts.com*, [online], 1996–2012, [cit. 23.1.2012], <<http://www.ancientscripts.com/kharosthi.html>>.
- [Maj1] Majumdar P. K., *A Rationale of Brāskara I's Method of Solving  $ax \pm c = by$* , *Indian Journal of History of Science* **13(1)** (1978), 11–17.
- [Maj2] ———, *A Rationale of Brahmagupta's Method of Solving  $ax + c = by$* , *Indian Journal of History of Science* **16(2)** (1981), 111–117.
- [MaJ] Malina J. a kol., *Antropologický slovník*, Ústav antropologie, Přírodovědecká fakulta Masarykovy univerzity, [online], 2009, [cit. 12.1.2012], <<http://is.muni.cz/do/1431/UAntrBiol/el/antropos/slovník.html>>.
- [MaVM] Mallayya V. M., *Arithmetic Operation of Division with Special Reference to Bhaskaras Lilavati and its Commentators*, *Indian Journal of History of Science* **32(4)** (1997), 315–324.
- [Man] *Mānava-Kalpa-Sūtra; Being a Portion of this Ancient Work on Vaidic Rites, together with the Commentary of Kumārila-Swāmin*, London: N. Trübner and Co, 1861.
- [MS1] Mishra V., Singh S. L., *Theorem of Square on the Diagonal in Vedic Geometry and its Application*, *Indian Journal of History of Science* **31(2)** (1996), 157–166.
- [MS2] ———, *First Degree Indeterminate Analysis in Ancient India and its Application by Vīrasena*, *Indian Journal of History of Science* **32(2)** (1997), 127–133.
- [MW] Monier Williams M. Sir, *Sanskrit-English Dictionary*, University of Cologne, [online], 2008, [cit. 15.8.2013], <<http://www.sanskrit-lexicon.uni-koeln.de/monier/>>.
- [Mu] Mukherjee R. N., *Background to the Discovery of the Symbol for Zero*, *Indian Journal of History of Science* **12(2)** (1977), 225–231.

- [MA] Mukhopadhyay A., Adhikari M. R., *The Concept of Cyclic Quadrilaterals: its Origin and Development in India (from the Age of Sulba Sutras to Bhaskara I.)*, Indian Journal of History of Science **32(1)** (1997), 53–68.
- [MFM] Müller F. M., *Anthropological Religion*, New Delhi: J. Jetley for Asian Educational services, 1986.
- [Ne] Nene P. G. S., *The Śulbasūtra of Kātyāyana: with the bhashya of Karka and Vritti of Mahidhara*, Benares: Jaya Krishnadas-haridas gupta, 1936.
- [Pa] Parahmans S. A., *Units of Measurements in Medieval India and their Modern Equivalents*, Indian Journal of History of Science **19(1)** (1984), 27–36.
- [P11] Plofker K., *Mathematics in India*, Princeton, New Jersey: Princeton University Press, 2009.
- [P12] ———, *Fazārī: Muḥammad ibn Ibrāhīm al-Fazārī*, in T. Hockey et al. (eds.): *The Biographical Encyclopedia of Astronomers*, New York: Springer, 2007, 362–363.
- [P13] ———, *Ya'qūb ibn Ṭāariq*, in T. Hockey et al. (eds.): *The Biographical Encyclopedia of Astronomers*, New York: Springer, 2007, 1250–1251.
- [Pra] Kolektiv autorů, *Prameny života*, Praha: Vyšehrad, 1982.
- [Pri] Price J. F., *Applied Geometry of the Śulba Sūtras*, in C. A. Gorini (ed.): *Geometry at Work, Papers in Applied Geometry*, MAA Notes Number 53, 2000, 46–55.
- [Ran] Rangacarya M., *Ganita-sara-sangraha of Mahaviracarya with English Translation and Notes*, Madras: Government Press, 1912.
- [RB] Rouse Ball W. W., *A Short Account of the History of Mathematics, Vol. 2, Special Topics of Elementary Mathematics*, New York: Dover Publications Inc., 1960.
- [SA] Sarasvati Amma T. A., *Geometry in Ancient and Medieval India*, Delhi: Molital Banarsidass, 1979.
- [SaTA] Saraswathi T. A., *Development of Mathematical Ideas in India*, Indian Journal of History of Science **4(1–2)** (1969), 59–78.
- [SaKV] Sarma K. V., *Āryabhaṭa: his Name, Time and Provenance*, Indian Journal of History of Science **36(3–4)** (2001), 105–115.
- [Se] Sengupta R., *Influence of Certain Harappan Architectural Features on Some Texts of Early-historic Period*, Indian Journal of History of Science **6(1)** (1971), 23–26.
- [ShRS] Shah R. S., *Jaina Mathematics: Lore of Large Numbers*, Bulletin of the Marathwada Mathematical Society **10(1)** (2009), 43–61.
- [ShAM] Shastri A. M., *Sanskrit Literature Known to Al-Biruni*, Indian Journal of History of Science **10(2)** (1975), 111–138.
- [Shu1] Shukla K. S., *The Pāṭiḡaṇita of Śrīdharācarya*, Lucknow: Lucknow University, 1959.
- [Shu2] Shukla K. S., *Mahābhāskarīya, Edited and Translated into English, with Explanatory and Critical Notes, and Comments*, Lucknow: University, Department of Mathematics Lucknow, 1960.
- [SiAN] Singh A. N., *On the Use of Series in Hindu Mathematics*, Osiris **1** (1936), 606–628.
- [SiP1] Singh P., *Varga-prakṛti – the Cakravāla Method of its Solution and the Regular Continued-fractions*, Indian Journal of History of Science **19(1)** (1984), 1–17.
- [SiP2] ———, *Nārāyaṇa's Treatment of Magic Squares*, Indian Journal of History of Science **21(2)** (1986), 123–130.



- [SiSL] Singh S. L., *Piṅgala Binary Numbers*, in B. S. Yadav, M. Mohan (eds.): *Ancient Indian Leaps Into Mathematics*, New York: Springer, 2011, 121–134.
- [SiV] Singh V., *Ashokan Pillar (Feroz Shah Kotla)*, [online], 2010, [cit. 10.9.2013], <<http://competentauthoritydelhi.co.in/MonumentViewer.aspx?ID=159>>.
- [SK] Smith D. E., Karpinski L. Ch., *The Hindu-Arabic Numerals*, Boston: Ginn and Company Publishers, 1911.
- [Sm1] Smith D. E., *History of Mathematics, Vol. 1, General Survey of The History of Elementary Mathematics*, Boston: Ginn and Company, 1923.
- [Sm2] ———, *History of Mathematics, Vol. 2, Special Topics of Elementary Mathematics*, New York: Dover Publications Inc., 1958.
- [SS] Sridharan R., Srinivas M. D., *Folding Method of Nārājana Paṇḍita for the Construction of Samagarbha and Viṣama Magic Squares*, *Indian Journal of History of Science* **47**(4) (2012), 589–605.
- [Sr] Srinivasiengar C. N., *The History of Ancient Indian Mathematics*, Calcutta: The World Press Private Ltd, 1967.
- [Sti] Stillwell J., *Mathematics and its History*, New York: Springer, 1994.
- [SMK] Strnad J., Marková D., Kostič S., Svobodová R., *Hindsko-český slovník*, Praha: Dar Ibn Rushd, 1998.
- [SFHV] Strnad J., Filipický J., Holman J., Vavroušková S., *Dějiny Indie*, Praha: Lidové noviny, 2013.
- [Sy1] Sýkorová I., *Násobení ve středověké Indii.*, in J. Bečvář, M. Bečvářová (eds.): *Historie matematiky, Velké Meziříčí 22.8.2008 – 26.8.2008*, Praha: Matfyzpress, 2008, 161–166.
- [Sy2] ———, *Zlomky ve staré Indii*, in J. Bečvář, M. Bečvářová (eds.): *Historie matematiky, Jevíčko 21.8.2009 – 25.8.2009*, Praha: Matfyzpress, 2009, 213–216.
- [Sy3] ———, *Rukopis Bakhšháli*, in J. Bečvář, M. Bečvářová (eds.): *Historie matematiky, Velké Meziříčí 18.8.2010 – 22.8.2010*, Praha: Matfyzpress, 2010, 231–238.
- [Sy4] ———, *Pellova rovnice v indické matematice*, *Pokroky matematiky, fyziky a astronomie* **56**(1) (2011), 35–44.
- [Sy5] ———, *Finanční matematika ve staré Indii*, in J. Bečvář, M. Bečvářová (eds.): *Historie matematiky, Velké Meziříčí 24.8.2012 – 28.8.2012*, Praha: Matfyzpress, 2012, 255–258.
- [Sy6] ———, *Znali staří Indové řetězové zlomky?*, *Pokroky matematiky, fyziky a astronomie* **57**(4) (2012), 296–306.
- [Sy7] ———, *Zápisy čísel ve starověké Indii*, *Pokroky matematiky, fyziky a astronomie* **59**(1) (2014), 17–26.
- [Sis] Šišma P., *Arabská matematika*, in J. Bečvář (ed.): *Matematika ve středověké Evropě. Dějiny matematiky, svazek 19*, Praha: Prometheus, 2001, 150–183.
- [Th] Thibaut G., *The Sulvasutras*, Calcutta: Printed by C. B. Lewis, Baptist mission press, 1875.
- [TD] Thibaut G., Dvivedi M. S., *Pañchasiddhāntikā: The Astronomical Work of Varāha Mihira*, Benares: E. J. Lazaeues and co., 1889.
- [U] Úlehla J., *Dějiny matematiky I*, Praha: Dědictví Komenského, 1901.

- [Vi] Vij B. B., *Linear Standard in the Indus Civilization*, in B. B. Lal, S .P. Gupta (eds.): *Frontiers of the Indus Civilization*, New Delhi: Books and Books, [online], 1984, 153–156, [cit. 12.8.2013], <<http://www.brijvij.com/indusEvidence.doc>>.
- [Vol] Volodarsky A., *Mathematical Achievements of Āryabhaṭa*, *Indian Journal of History of Science* **12(2)** (1977), 167–172.
- [Wa1] van der Waerden B. L., *Geometry and Algebra in Ancient Civilizations*, Berlin: Springer, 1983.
- [Wa2] van der Waerden B. L., *Uravenenje Pella v matematike Grekov i Indijcev*, *Uspechy matematičeskich nauk* **XXXI** (1976), 57–70.
- [Whe] Wheeler R. E. M., *Dávná civilizace v údolí Indu*, Praha: Mladá fronta, 1973.
- [Whi] Whitford E. E., *The Pell Equation*, Ann Arbor, Michigan: University of Michigan Library, [online], 2005, [cit. 7.1.2011], <<http://name.umdl.umich.edu/ABV2773.0001.001>>.
- [WGZ] Williams H. C., German R. A., Zarnke C. R., *Solution of the Cattle Problem of Archimedes*, *Mathematics of Computation* **19** (1965), 671–674.
- [Zb1] Zbavitel D., *Starověká Indie*, Praha: Panorama, 1985.
- [Zb2] ———, *Otazníky starověké Indie*, Praha: Lidové noviny, 1997.
- [Zb3] Zbavitel D. a kolektiv, *Moudrost a umění starých Indů*, Praha: Odeon, 1971.
- [ZS] Zbavitel D., Strnad J., *Učebnice sanskrty*, Praha: Nakladatelství Karolinum, Univerzita Karlova, 2006.



Árjabhata I., socha umístěná  
v Inter-University Centre for Astronomy and Astrophysics v Púně