

Publications of the Research Group in History of Mathematics at the University of Utrecht in 2017

- Viktor Blåsjö, “The myth of Leibniz’s Proof of the Fundamental theorem of Calculus,” in M. Pitici, ed., *The Best Writing on Mathematics 2016*, Princeton University Press, pp. 249-260 ISBN 978-0-691-17529-4 (article reprinted from *Nieuw Archief voor Wiskunde*.)
- Viktor Blåsjö, “De Kromme $Y = X^X$ ” *Pythagoras* 56 no. 3, January 2017, pp. 22-26. ISSN 0033-4766.
- Viktor Blåsjö, *Transcendental Curves in the Leibnizian Calculus*, Academic Press/Elsevier, 2017. ISBN 978-0-12-813237-1 (print), 978-0-12-813298-2 (online), vii+ 274 pp.
- Viktor Blåsjö, “On what has been called Leibniz’s rigorous foundation of infinitesimal geometry by Riemannian sums,” *Historia Mathematica* 44 no. 2 (2017), pp. 134-149. ISSN 0315-0860.
- Viktor Blåsjö, “Reply to Knobloch” . *Historia Mathematica*, 44 no. 4 (2017), pp. 420422. ISSN 0315-0860.
- Viktor Blåsjö, “How to Find the Logarithm of Any Number using Nothing but a Piece of String,” in Mircea Pitici, ed., *The Best Writing on Mathematics 2017*, Princeton University Press, pp. 99-105 ISBN 978-0-691-17863-9 (article reprinted from *The College Mathematics Journal* 47.2 (2016), 95-100.)
- Viktor Blåsjö, reviews in *Mathematical Reviews*: Ginoux, Jean-Marc, *History of nonlinear oscillations theory in France (1880-1940)*, Archimedes: New Studies in the History and Philosophy of Science and Technology, 49, Springer, Cham, 2017. xxxvii+381 pp. ISBN: 978-3-319-55238-5 [MR3616791]; Grosholz, Emily, *Rolfe Starry reckoning: reference and analysis in mathematics and cosmology*, Studies in Applied Philosophy, Epistemology and Rational Ethics, 30, Springer, Cham, 2016, xviii+187 pp, ISBN: 978-3-319-46689-7 [MR3617989]; Barbin, Evelyne, *Universality versus generality: an interpretation of the dispute over tangents between Descartes and Fermat* The Oxford handbook of generality in mathematics and the sciences, pp. 413432, Oxford Univ. Press, Oxford, 2016 [MR3617468]; Frantz, Marc, “Projective geometry in the moon tilt illusion”, *Mathematical Intelligencer* 38 (2016), no. 4, pp. 2834 [MR3576590]; Biagioli, Francesca, *Space, number, and geometry from Helmholtz to Casirer*, Archimedes: New Studies in the History and Philosophy of Science and Technology, 46, Springer, [Cham], 2016. xx+239 pp. ISBN: 978-3-319-31777-9 [MR3526575]; Cohen, Arjeh, Mathematics on the web *Nieuw Arch voor Wiskunde* (5) 16 (2015), no. 4, pp. 268274 [MR3467956]; Pisano, Raffaele, and Capecchi, Danilo, *Tartaglia’s science of weights and mechanics in the sixteenth century*, *Selections from Quesiti et inventioni*

*diverse: Books VII-VIII, With a preface by Patricia Radelet-de Grave, History of Mechanism and Machine Science, 28. Springer, Dordrecht, 2016. xviii+504 pp. ISBN: 978-94-017-9709-2; 978-94-017-9710-8 [MR3363526]; Irving, Andrew D., and Patel, Ebrahim L., "Mixing motions" *Mathematics Today* (Southend-on-Sea) 52 (2016), no. 1, pp. 2022 [MR3469827]; Jan van de Craats, "Feuerbach with complex numbers," *Nieuw Archief voor Wiskunde* (5) 17 (2016), no. 1, pp. 3638 [MR3525685].*

- Jan P. Hogendijk, Redeneren met figuren als Euclides, *Vakidoot* 16-17 (2017), pp. 24-25.
- Jan P. Hogendijk, Ta'rif-e nesbat bar pāye-ye tafriq-e do sawiyeh dar riyāziyyāt-e dowre-ye Eslami, *Mirāth-e 'Elmi* no. 10 (fifth year, no. 2), autumn/winter 1395 / (2016-2017), pp. 45-65. Translated by M- M. Kaveh-Yazdi. ISSN 2322-3669
- Jan P. Hogendijk, A mathematical classification of the contents of an anonymous Persian compendium on decorative patterns, pp. 145-162 in: Gülru Necipoğlu, ed., *The Arts of Ornamental Geometry: A Persian Compendium on Similar and Complementary Interlocking Figures, Studies and Sources in Islamic Art and Architectures, Supplements to Muqarnas* vol. 13, Leiden: Brill, 2017, ISSN 0921-0326, ISBN 978-90-04-30196-2, ISSN 978-90-04-31520-4
- Jan P. Hogendijk, Three instruments for finding the direction and distance to Mecca: European cartography or Islamic astronomy? *Rawaq: History and Heritage*, Issue 5, January 2018, pp. 22-31, ISSN 2414-6005 (Qatar).
- Roel Nicolai, De onbekende oorsprong van portolaankaarten,+ *Caert-Thresoor: Tijdschrift voor de Geschiedenis van de Kartografie*, **36** (2017) no. 2, pp. 45-52. ISSN 0617-4994.
- Hüseyin Şen, "XVI. Yüsyıl Osmanlı Dünyasında Matematik ve Astronomi: Takiüddin ibn Ma'rûf ve *Sidretü'l-Müntehâ* Adlı Eserinde Güneş Gözlemleri, pp. 47-56 in: Proceedings of the Symposium Sahn-ı Semândan Dârülfünûn'a, Osmanlı'da İlim ve Fikir Dünyası, Istanbul 2017, Zeytinburnu Belediyesi Kültür Yayınları no. 40.
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