

## Publications of the History of Mathematics Group at the University of Utrecht in 2005

- Jan P. Hogendijk, “Applied mathematics in Eleventh Century Al-Andalus: Ibn Mu‘adh al-Jayyani and his computation of astrological houses and aspects,” *Centaurus* 47 (2005), pp. 87-114. ISSN 0008-8994.
- Jan P. Hogendijk, “Geschenken uit het Oosten” (inaugural lecture, Leiden, 8 maart 2005), *Nieuw Archief voor Wiskunde*, vijfde serie, deel 6, nummer 4 (december 2005), pp. 280-286. ISSN 0028-9825.
- Jan P. Hogendijk, “Structuur en schoonheid in de Sleutel tot de Rekenkunde van al-Kashi (ca. 1425)”, in *Vakantiecursus 2004: Structuur in schoonheid*, Amsterdam: Centrum voor Wiskunde en Informatica, 2004, CWI Syllabus 53, pp. 111-123, 77. ISBN 90-6196-524-1. Also appeared in *Nieuw Archief voor Wiskunde*, vijfde serie, deel 6, nummer 1 (maart 2005), pp. 32-39.
- Jan P. Hogendijk, “Omar Khayyam, wiskundige en wijnkenner”, in *A-Eskwadraat Almanak ”Fata Morgana”*, 2005, pp. 142-146.
- Henrik Kragh Sørensen, Exceptions and counterexamples: understanding Abel’s comment on Cauchy’s theorem, *Historia Mathematica* 32 (2005), pp. 453-480 [publication partly prepared during the 6-months NWO project “The Essence of Abel’s Innovations: A Framework for an Account of his Mathematical Achievements”, supervised by H.J.M. Bos in 2003-2004.]
- Eelco Nederkoorn, Richting Mekka, in *A-Eskwadraat Almanak ”Fata Morgana”*, 2005, pp. 135-138 (based on visit to Saudi Arabia with JH in 2004)
- Kim Plofker, “Derivation and Revelation: The Legitimacy of Mathematical Models in Indian Cosmology”, pp. 61–76 in: T. Koetsier and L. Bergmans (eds.), *Mathematics and the Divine: A Historical Study*, Amsterdam: Elsevier, 2005, ISBN 978-0-444-50328-2.
- Kim Plofker, “Relations between Approximations to the Sine in Kerala Mathematics”, pp. 135–152 in: G.C. Emch, R. Sridharan, M.D. Srinivas (eds.), *Contributions to the History of Indian Mathematics*, New Delhi, 2005. ISBN 978-81859-3158-6.
- Bernard R. Goldstein, KP, obituary notice: “In Memoriam David Edwin Pingree”, *Aestimatio* 2 (2005), 71-72. ISSN 1549-4470.
- Kim Plofker, *book review*: The Suryaprakasa of Suryadasa, volume 1 by Pushpa Kumari Jain (ed. and tr.), in: *Isis* 96 (2005), p. 273. ISSN: 0021-1753.
- Kim Plofker, *book review*: *Mathematics Across Cultures: The History of Non-Western Mathematics* by Helaine Selin (ed.), in: *British Journal for the History of Science* 38 (2005), p. 102-103. ISSN: 0007-0874.

- Mattias Visser: de Topkapi boekrol [the Topkapi Scroll], Arthesis (see [www.arsetmathesis.nl](http://www.arsetmathesis.nl)) vol. 19 (2005), no. 2, pp. 8-16. (based on M.Sc. thesis in History of Mathematics, 2003).