

KARINE CHEMLA

BIBLIOGRAPHY

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Abbreviation: *NHCS: Newsletter for the History of Chinese Science*

I— BOOKS

I—1 Monographs

Etude du livre Reflets des mesures du cercle sur la mer de Li Ye, Ph.D. Dissertation, Mathematics, University Paris XIII, October 12, 1982.

(with Guo Shuchun), *Les neuf chapitres. Le classique mathématique de la Chine ancienne et ses commentaires*. Edition critique bilingue traduite, présentée et annotée par K. Chemla et Guo Shuchun. Glossary of technical terms in the mathematical texts of ancient China, by Karine Chemla, original calligraphies by Toshiko Yasumoto, Preface by Geoffrey Lloyd, Dunod, 2004, 1150 p.

Reviews: *Mathematical reviews*, **MR2111394 (2005h:01004)** 01A25; Emily Grosholz, *Gazette des mathématiciens*, 105, 2005, p. 49-56; Donald Wagner: <http://www.staff.hum.ku.dk/dbwagner/Chemla-rev/Chemla-rev.html>, published in *Centaurus*, 48, 2006, p. 319-322; Catherine Jami in *Etudes Chinoises*, 24, 2005, p. 342-348; Tian Miao in *T'oung Pao*, vol. 92, 4-5, 2006, p. 511-514. Essay review by Christopher Cullen in *Studies in history and philosophy of science*, 37-3, 2006, p. 515-525. Reviews: Annick Horiuchi, in *Sciamus*, 7, 2006, p. 213-218; Andréa Bréard, *Zentralblatt*, 2007, notice 1055.01004; Lisa Raphals, *Isis*, 2007, 98, 1, p. 175-176; Alain Bernard, *International Journal for the History of Mathematics Education*, 2007, 2.2, p. 103—106. Essay review by Alexei Volkov, “Commentaries upon commentaries: The translation of the *Jiu zhang suan shu* 九章算術 by Karine Chemla and Guo Shuchun”, *Historia Mathematica*, 37, 2010, p. 281—301. Review by Joël Brenier *Encyclopedia Universalis*.

Glossary of technical terms linked to mathematics in classical Chinese, in Christoph Harbsmeier (ed.), *Thesaurus Linguae Sinicae*, http://tls3.uni-hd.de/main/basic_ch_main.lasso (in process).

I—2 Edited and Co-edited Books

(ed. with I. Ekeland) *Mathématiques à venir. Quels mathématiciens pour l'an 2000 ?*, Proceedings of the conference organized under that name, Dunod, 1988, special issue of

Bulletin de la Société Mathématique de France, 1987, 400 p. Available at the following address: <http://www.maths-a-venir.org/2009/sites/math-a-venir.org/files/pdf/MAV1987.pdf>

(ed.) “Démarches mathématiques”, Edition and presentation of a set of articles, *Encyclopédie Philosophique Universelle*, Presses Universitaires de France, 1989, p. 987-1106. The book will be reprinted in the book series *Quadrige*, Forthcoming.

(ed. with A. Volkov and V. Lichtmann) *Modèles et structures des textes chinois anciens*, Collection of articles by Soviet formalists in sinology, *Extrême-Orient, Extrême Occident*, 13, 1991, 162 p. (Presentation in *NHCS*, 4, 1992, p. 143-145). Available at the following address: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_1991_num_13_13.

(ed. with P. Benoit and J. Ritter) *Histoire de fractions, fractions d'histoire*, Basel: Birkhäuser, 1992, Collection "Science Networks", 10, 440 p.

Reviews: Vincent Jullien, *Revue d'histoire des sciences*, 1994, 47, 3-4, p. 514-515. Hélène Gispert, *Historia Mathematica*, 23, 3, 1996, p. 319-323.

(ed. with A. Dahan and J.-L. Chabert) *Chaos et déterminisme*, Points Sciences, Le Seuil, 1992, 416 p.

(ed.) *Regards obliques sur l'argumentation en Chine*, *Extrême-Orient, Extrême-Occident*, 14, 1992, 206 p. Online at: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_1992_num_14_14. (Presentation in *NHCS*, 5, 1993, p. 147-150; *Monumenta Serica*, 41, 1993, p. 414-5; *Chinese Science*, 11, 1993-4, p. 108-9).

(ed. with François Martin), *Le juste nom*, *Extrême-Orient, Extrême-Occident*, 15, 1993, 176 p. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_1993_num_15_15. (Presentation in English and in Chinese in *NHCS*, 8, 1994, p. 97-102; *Chinese science*, 11, 1995, p. 167-8; *Monumenta Serica*, 44, 1996, p. 483-5).

Review: V. Alleton, *Etudes chinoises*, 15, 1-2, 1996, p. 183-192.

(ed. with François Martin and Jacqueline Pigeot), *Le travail de la citation en Chine et au Japon*, *Extrême-Orient, Extrême-Occident*, 17, 1995, 160 p. Online at the following address: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_1995_num_17_17. (Presentation in *NHCS*, 12, 1996, p. 95-96).

(ed. with Michael Lackner) *Disposer pour dire, placer pour penser, situer pour agir. Pratiques de la position en Chine*, *Extrême-Orient, Extrême-Occident*, 18, 1996, 192 p. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_1996_num_18_18. (Presentation in *NHCS*, 13, 1997, p. 149-52).

(ed. with Siegmund Probst, Agnès Erdély, Antonio Moretto), *Ceci n'est pas un festschrift pour Imre Toth*, 29-12-1996. Available at the following address: <http://halshs.ccsd.cnrs.fr/halshs-00004274/>

(ed.) *La valeur de l'exemple. Perspectives chinoises*. *Extrême-Orient, Extrême-Occident*, 19, 1997, 160 p. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_1997_num_19_19. (Presentation in *NHCS*, 15, 1998, p. 132-4; in *Monumenta Serica*, 46, 1998, p. 422-3).

(ed. with François Martin and Jacqueline Pigeot) *Du divertissement dans la Chine et le Japon anciens. Homo Ludens Extrême-Orientalis, Extrême-Orient, Extrême-Occident*, 20, 1998, 176 p. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_1998_num_20_20. (Presentation in *NHCS*, 17, 1999, p. 137-8).

Review: B. Fuehrer, *Bulletin of the School of Oriental and Asiatic Studies*, 63, 3, 2000, p. 445.

(ed. with Marc Kalinowski and Donald Harper), *Divination et rationalité en Chine ancienne, Extrême-Orient, Extrême-Occident*, 21, 1999, 176 p. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_1999_num_21_21.

(ed. with an editorial committee composed of F. Bray, Fu Daiwie, Huang Yilong, G. Métailié), “La scienza in Cina”, in Sandro Petruccioli (gen. ed.), *Storia della scienza*, 8 volumes, Enciclopedia Italiana, Roma, 2001, volume II, 2001, p. 1-608 (the text of the encyclopedia is online at the address: : <http://www.treccani.it/enciclopedia/>). A translation of one third of the articles into Chinese appeared as an issue of 法國漢學 *Faguo hanxue* (French sinology), 6, 2002, p. 1-397.

(ed.) *Histoire des sciences en Asie, Thématique I: Histoire des sciences et des techniques*, Atelier n° 2, Conference of the Réseau Asie, 2003, online at: <http://www.gis-reseau-asie.org/congres-2003/thematiques-du-1er-congres-2003/atelier-2-histoire-des-sciences-en-asie-history-of-sciences-in-asia>

(ed.), *History of science, history of text*, Springer, Collection “Boston studies in the philosophy of science”, 2004, XXVIII+254 p.

Essay reviews by: Norma B. Goethe, “Modes of representation, working tools, and the history of mathematics”, *Historia Mathematica*, 35, 3, 2008, p. 242-247 (Erratum: 36 (1) (2009), 109); Annette Imhausen Warner, *Aestimatio*, 5, 2008, http://www.ircps.org/publications/aestimatio/pdf/Volume5/2008-04-01_ImhausenBW.pdf.

(ed. with C. Debru and J. Gayon) *Guide de l'histoire des sciences et des techniques en France*, 2005. Booklet prepared for the 22nd International Congress for the History of Science, Beijing, 2005.

(ed. with Florence Bretelle-Establet), *Qu'était-ce qu'écrire une encyclopédie en Chine? What did it mean to write an encyclopedia in China*, *Extrême-Orient, Extrême-Occident*, hors-série, 2007, 224 p. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_2007_hos_1_1.

(ed. with the collaboration of Mireille Delbraccio) *Action Concertée “Histoire des saviors” 2003–2007. Recueil de synthèses*, 2007, online at the following address: <http://www.cnrs.fr/prg/PIR/programmes-termines/histsavoirs/histsavoirs.htm>, and more specifically, <http://www.cnrs.fr/prg/PIR/programmes-termines/histsavoirs/synth2003-2007Histoiredessavoirs.pdf>, CNRS, 2007.

(ed.) *The History of Mathematical Proof in Ancient Traditions*, Cambridge University Press, 2012, xvi + 596 p. Paperback (2015)

Reviews: Serafina Cuomo, *The British Journal for the History of Science*, 46 (03), 2013, p. 517-519. doi:10.1017/S0007087413000459. Jacqueline Fêke, *Early Science and Medicine*, 18, 6, 2013, p. 568-570. doi: 10.1163/15733823-0186P0005 Bryon E. Wall, *Isis*, 105, 4, 2014, p. 836-837. Michalis Sialaros, *The Journal of Hellenic*

Studies, 134, 2014, p. 267-268. Jochen Brüning, *Common Knowledge*, 21, 3, 2015, p. 524-525. Duncan Melville, *Aestimatio* 11, 2014, p. 179-187. Glenn van Brummelen, *Metascience*, 2016, 25 (2), p. 243-245.

(ed.) *Explorations on the History of Recreational mathematics*, *Historia mathematica*, Special issue, 41, 4, 2014, p. 367-517. Special issue celebrating the fortieth anniversary of the journal

(ed. with Thomas Coudreau and Giuseppe Leo), *Observation: Pratiques et enjeux*, Omniscience, 2015, 336 p.

(ed. with J. Virbel) *Texts, Textual Acts and the History of Science*, Book series “Archimedes”, Springer, 2015.

Review: Nathan Sidoli, *Isis*, 108, 2, 2017, p. 417-418.

(ed. with R. Chorlay, D. Rabouin) *The Oxford Handbook of Generality in Mathematics and the Sciences*, Oxford University Press, 2016.

Reviews: Jenny Boucard, *Revue d'histoire des sciences*, 70, 1, 2017, p. 238-241. Vincenzo De Risi, *Early Science and medicine*, 22, 4, 2017, p. 399-403. David Rowe, *Isis*, 108, 4, 2017, p. 872-873.

(ed. with Evelyn Fox Keller) *Cultures without culturalism: The making of scientific knowledge*, Duke University Press, 2017.

Review: Yeang Chen-Pang, *East Asian Science, Technology and Society: An International Journal*, 11, 2017, p. 463-466. Michael Barany, « Culture's tension », *Metascience*, 2018, <https://doi.org/10.1007/s11016-018-0286-2>.

Guest editor of two special issues of the journal *East Asian Science, Technology and Medicine*, 43 and 44 (2016) entitled *Numerical Tables and Tabular Layouts in Chinese scholarly documents* (I and II) (vol. I (March 2017), vol. II (April 2017)).

I—3 Edited volumes in preparation

(ed. with Agathe Keller and Christine Proust) *Cultures of computation and quantification in the ancient world* (in preparation. Preprint handed out and discussed during a SAW conference with the same title, 2013).

A. Keller and K. Chemla (eds.) *Shaping the sciences of the ancient world. Text criticism, critical editions and translations of ancient and medieval scholarly Texts* (18th-20th centuries) (in preparation. Preprint handed out and discussed during a SAW conference with the same title, 2014).

Cécile Michel and K. Chemla (eds.) *Mathematics and administration in the ancient world* (in preparation. Preprint handed out and discussed during the SAW conference entitled *Cultures of computation and quantification in the ancient world*, 2013).

Tian Miao and K. Chemla (eds.) *A Worldwide Approach to the Early History of Algebra seen from China*, (contract signed with Springer)

D. Chaussende, D. Morgan with the collaboration of K. Chemla (eds.), *The production of technical treatises in official histories produced in 7th century China* (Submitted. Preprint handed out and discussed during the SAW conference “Treatises of the *Book of Sui*”, 2013).

M. Husson, K. Chemla and A. Keller, with the collaboration of J. Steele (eds.), *Mathematical Practices in relation to Astral Sciences* (in preparation. Preprint handed out and discussed during a SAW conference with the same title, 2015).

K. Chemla, Agathe Keller et al. (eds), *Writing histories of ancient mathematics – Reflecting on past practices and opening the future, 18th – 21st centuries* (in preparation. Preprint handed out and discussed during a SAW conference with the same title, 2016).

Karine Chemla, and Glenn W. Most (eds.), *Proofs, problems, and procedures: mathematical and astral commentaries* (provisional title), (in preparation).

II— REFEREED/INVITED ARTICLES AND BOOK CHAPTERS

II—1 History of mathematics in China

"Should they read FORTRAN as if it were English ?" *Bulletin of Chinese Studies*, 1, 1987, 2, p. 301-316.

"La pertinence du concept de classification pour l'analyse de textes mathématiques chinois", in F. Jullien (ed.), *Effets d'ordre dans la civilisation chinoise (rangements à l'œuvre, classifications implicites)*. *Extrême-Orient, Extrême-Occident*, 10, 1988, p. 61-87. (Presentation in *NHCS*, 6, 1993, p. 25). Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1988_num_10_10_872.

"Qu'apporte la prise en compte du parallélisme dans l'étude de textes mathématiques chinois ? Du travail de l'historien à l'histoire du travail", in F. Jullien (ed.), *Parallélisme et appariement des choses*, *Extrême-Orient, Extrême-Occident*, 11, 1989, p. 53-80. (Presentation in *NHCS*, 6, 1993, p. 25-26). Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1989_num_11_11_948.

"Du parallélisme entre énoncés mathématiques; analyse d'un formulaire rédigé en Chine au 13^e siècle", *Revue d'histoire des sciences*, XLIII/1, 1990, p. 57-80. (Presentation in *NHCS*, 6, 1993, p. 27). Available at the following address: http://www.persee.fr/web/revues/home/prescript/article/rhs_0151-4105_1990_num_43_1_4156?Prescripts_Search_isPortletOuvrage=false

"Les fractions comme modèle formel en Chine ancienne", in P. Benoit, K. Chemla, and J. Ritter (eds.), *Histoire de fractions, fractions d'histoire*, Basel: Birkhäuser, 1992, p. 188-207. (Presentation in *NHCS*, 6, 1993, p. 28-29).

"De l'algorithme comme liste d'opérations", in F. Jullien (ed.), *L'art de la liste*. *Extrême-Orient, Extrême-Occident*, 12, 1990, p. 79-94. (Presentation in *NHCS*, 6, 1993, p. 26-27). Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1990_num_12_12_957. Translated into German in: F. Jullien, K. Chemla, J. Pigeot, *Die Kunst, Listen zu erstellen*. Berlin 2004.

"Theoretical Aspects of the Chinese Algorithmic Tradition (first to third century)", *Historia Scientiarum*, 42, 1991, p. 75-98 + errata in the subsequent issue. (Presentation in *NHCS*, 6, 1993, p. 28).

“Méthodes infinitésimales en Chine et en Grèce anciennes”, in J.M. Salanskis, H. Sinaceur, (eds.) *Le labyrinthe du continu*, Springer, 1992, p. 31-46. (Presentation in *NHCS*, 6, 1993, p. 29-30).

“Des irrationnels en Chine entre le premier et le troisième siècle”, *Revue d'histoire des sciences*, XLV, 1, 1992, p. 135-140. (Presentation in *NHCS*, 6, 1993, p. 30). Available at the following address: http://www.persee.fr/web/revues/home/prescript/article/rhs_0151-4105_1992_num_45_1_4237?_Prescripts_Search_isPortletOuvrage=false

“Résonances entre démonstration et procédure. Remarques sur le commentaire de Liu Hui (3^e siècle) aux *Neuf Chapitres sur les Procédures Mathématiques* (1^{er} siècle)”, in K. Chemla (ed.), *Regards obliques sur l'argumentation en Chine, Extrême-Orient, Extrême-Occident*, 14, 1992, p. 91-129. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1992_num_14_14_964.

“Nombres, opérations et équations en divers fonctionnements. Quelques méthodes de comparaison entre des procédures élaborées dans trois mondes différents”, in I. Ang and P. E. Will (eds.), *Nombres, astres, plantes et viscères. Sept essais sur l'histoire des sciences et des techniques en Asie orientale*, Mémoires de l'Institut des Hautes Etudes Chinoises, XXXV, 1994, p. 1-36. (Presentation in *NHCS*, 10, 1995, p. 28).

“Li Ye in the mathematics of his time”, 數學史文集 *Shuxueshi wenji* (Collected articles on the history of mathematics), 5, 1993, p. 166-169 (in Chinese) (Presentation in Chinese in *NHCS*, 9, 1995, p. 23).

“Remembering Li Ye”, 數學史文集 *Shuxueshi wenji* (Collected articles on the history of mathematics), 5, 1993, p. 156 (in Chinese).

“Li Ye *Ce Yuan Hai Jing* de jiegou ji qi dui shuxue zhishi de biaoshi 李冶測圓海鏡的結構及其對數學知識的表示”, (“Structure of texts and expression of mathematical knowledge in the *Ce Yuan Hai Jing* by Li Ye”), 數學史文集 *Shuxueshi wenji* (Collected articles on the history of mathematics), 5, 1993, p. 123-142 (in Chinese) (Presentation in Chinese in *NHCS*, 9, 1995, p. 22-3).

“Cas d'adéquation entre noms et réalités mathématiques. Quelques exemples tirés de textes chinois anciens”, in K. Chemla and François Martin (eds.), *Le juste nom, Extrême-Orient, Extrême-Occident*, 15, 1993, p. 102-137. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1993_num_15_15_979.

“Que signifie l'expression 'mathématiques européennes' vue de Chine ?”, in C. Goldstein, J. Gray, and J. Ritter (eds.), *L'Europe mathématique. Histoires, Mythes, Identités. Mathematical Europe. History, Myth, Identity*, Editions de la Maison des Sciences de l'Homme, Paris, 1996, p. 220-45. (Presentation in *NHCS*, 12, 1996, pp. 25-6).

“De la signification mathématique de marqueurs de couleurs dans le commentaire de Liu Hui”, in Alain Peyraube, Irène Tamba and Alain Lucas (eds.), *Linguistique et Asie Orientale. Mélanges en hommage à Alexis Rygaloff, Cahiers de Linguistique – Asie Orientale*, 23, 1994, p. 61-76. (Presentation in *NHCS*, 10, 1995, p. 26-7). Available at the following address: http://www.persee.fr/doc/clao_0153-3320_1994_num_23_1_1768

“Relations between procedure and demonstration. Measuring the circle in the *Nine Chapters on Mathematical Procedures* and their commentary by Liu Hui (3rd century)”, in H. N. Jahnke, N. Knoche and M. Otte (eds.), *History of Mathematics and Education: Ideas and Experiences*, Goettingen: Vandenhoeck & Ruprecht, 1996, pp. 69-112 (Proceedings of the conference in the History of Mathematics, Essen, November 1992). (Presentation in *NHCS*, 13, 1997, p. 13). Abridged French version, “Relations entre procédure et démonstration. La mesure du cercle dans les *Neuf chapitres sur les procédures mathématiques* et dans leur commentaire par Liu Hui (3^{ième} siècle)”, in D. Tournès (ed.), *L'océan indien au carrefour des mathématiques arabes, chinoises, européennes et indiennes*, Actes du colloque à Saint-Denis de la Réunion (3-7 November 1997), Publication de l'I. U. F. M. de La Réunion, 1998, p. 295-327 (Available at the following address: <http://www.reunion.iufm.fr/dep/mathematiques/Seminaires/theme4.html>). (Presentation in *NHCS*, 17, 1999, p. 15).

“Nombre et opération, chaîne et trame du réel mathématique. Essai sur le commentaire de Liu Hui sur *Les Neuf chapitres sur les procédures mathématiques*”, in Alexei Volkov (ed.), *Sous les nombres, le monde, Extrême-Orient, Extrême-Occident*, 16, 1994, p. 43-70. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1994_num_16_16_990 (Presentation in *NHCS*, 10, 1995, p. 27-8).

“What is at Stake in Mathematical Proofs from Third Century China?”, Preprint, Bar-Hillel Colloquium for the History, Philosophy and Sociology of Science, 29-1-1996. A revised version appeared in: *Science in Context*, 10, 2, 1997, p. 227-51 (Presentation in *NHCS*, 16, 1998, p. 17).

“Positions et changements en mathématiques à partir de textes chinois des dynasties Han à Song-Yuan. Quelques remarques”, in K. Chemla and Michael Lackner (eds.), *Disposer pour dire, placer pour penser, situer pour agir. Pratiques de la position en Chine, Extrême-Orient, Extrême-Occident*, 18, 1996, p. 115-47. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1996_num_18_18_1021.

“Croisements entre pensée du changement dans le *Yijing* et pratiques mathématiques en Chine ancienne”, in J. Gernet and M. Kalinowski (eds.), *En suivant la voie royale, Mélanges en l'honneur de L. Vandermeersch*, Presses de l'Ecole Française d'Extrême-Orient, 1997, p. 191-205. (Presentation in *NHCS*, 15, 1998, p. 19-20).

“Philosophical reflections in Chinese ancient mathematical texts: Liu Hui's reference to the *Yijing*”, in Yung Sik KIM and Francesca Bray (eds.), *Current Perspectives in the History of Science in East Asia*, Seoul: Seoul National University Press, 1999, p. 89-100.

“Qu'est-ce qu'un problème dans la tradition mathématique de la Chine ancienne? Quelques indices glanés dans les commentaires rédigés entre le 3^{ième} et le 7^{ième} siècles au classique Han *Les neuf chapitres sur les procédures mathématiques*”, in K. Chemla (ed.), *La valeur de l'exemple. Perspectives chinoises. Extrême-Orient, Extrême-Occident*, 19, 1997, p. 91-126. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1997_num_19_19_1034.

“Fractions and irrationals between algorithm and proof in ancient China”, *Studies in History of Medicine and Science*, 15, n° 1-2, New Series, 1997/98, p. 31-54.

“History of Mathematics in China: A Factor in World History and a Source for New Questions”, *Proceedings of the International Congress of Mathematicians*, Berlin, 17-27 August 1998, *Documenta Mathematica, Journal der Deutschen Mathematiker-Vereinigung, Extra-Volume ICM 1998, volume III: Invited lectures*, p. 789-98 (Presentation in *NHCS*, 16, 1998, p. 18).

“Les problèmes comme champ d'interprétation des algorithmes dans *Les neuf chapitres sur les procédures mathématiques* et leurs commentaires. De la résolution des systèmes d'équations linéaires”, *Oriens-Occidens*, 2000, p. 189-234.

“I ‘Nove capitoli sui procedimenti matematici’: la costituzione di un canone nella matematica (*The nine chapters on mathematical procedures*, the constitution of a Canon in mathematics)”, in K. Chemla (ed.), in collaboration with an editorial board composed of F. Bray, Fu Daiwie, Huang Yi-Long, G. Métailié, *La scienza in Cina*, in: Sandro Petruccioli (gen. ed.), *Storia della scienza*, vol. II, Enciclopedia Italiana, Roma, 2001, p. 131 and 133-141. Available at the following address: http://www.treccani.it/enciclopedia/la-scienza-in-cina-dai-qin-han-ai-tang-la-matematica_%28Storia-della-Scienza%29/.

“Esegesi e dimostrazione: I commentari ai ‘Nove capitoli sui procedimenti matematici’ (Mathematics and exegesis: the commentaries on *The nine chapters on mathematical procedures*)”, in K. Chemla (ed.), in collaboration with an editorial board composed of F. Bray, Fu Daiwie, Huang Yi-Long, G. Métailié, *La scienza in Cina*, in: Sandro Petruccioli (gen. ed.), *Storia della scienza*, vol. II, Enciclopedia Italiana, Roma, 2001, p. 142-149. Available at the following address: http://www.treccani.it/enciclopedia/la-scienza-in-cina-dai-qin-han-ai-tang-la-matematica_%28Storia-della-Scienza%29/. Chinese translation in: “數學與注釋：九章算術注研究”，法國漢學 *Faguo hanxue* (French Sinology), 6, 2002, p. 78-103.

“L'evoluzione della matematica dalla dinastia Han alla dinastia Tang (Tang Compilations of mathematical Canons)”, in K. Chemla (ed.), in collaboration with an editorial board composed of F. Bray, Fu Daiwie, Huang Yi-Long, G. Métailié, *La scienza in Cina*, in: Sandro Petruccioli (gen. ed.), *Storia della scienza*, vol. II, Enciclopedia Italiana, Roma, 2001, p. 127 and 149-153. Available at the following address: http://www.treccani.it/enciclopedia/la-scienza-in-cina-dai-qin-han-ai-tang-la-matematica_%28Storia-della-Scienza%29/.

“La rinascita della matematica e la tarda tradizione settentrionale (A Renaissance in mathematics and the later northern tradition)”, in K. Chemla (ed.), in collaboration with an editorial board composed of F. Bray, Fu Daiwie, Huang Yi-Long, G. Métailié, *La scienza in Cina*, in: Sandro Petruccioli (gen. ed.), *Storia della scienza*, vol. II, Enciclopedia Italiana, Roma, 2001, p. 328-335. Available at the following address: http://www.treccani.it/enciclopedia/la-scienza-in-cina-l-epoca-song-yuan-la-matematica_%28Storia-della-Scienza%29/.

“Variété des modes d'utilisation des *tu* dans les textes mathématiques des Song et des Yuan”, Preprint handed out at the conference “From Image to Action: The Dynamics of Visual Representation in Chinese Intellectual and Religious Culture”, Paris 3-5 September, 2001. The preprint handed out is available without the figures, at the following address: <http://halshs.ccsd.cnrs.fr/halshs-00000103/>.

“Classic and commentary: An outlook based on mathematical sources”, Preprint handed out at the conference “Critical Problems in the History of East Asian Science”, organized by KIM Yung Sik, DIBNER Institute, 16-18 November 2001 and available online at the following address: <http://halshs.ccsd.cnrs.fr/halshs-00004464>. The revised article is

published as preprint in the collection of the Max Planck Institut für Wissenschaftsgeschichte, 2008, 46 p., <http://www.mpiwg-berlin.mpg.de/Preprints/P344.PDF>. Accepted with revision (2010) by the *British Journal for the History of Science*.

“What was a mathematical problem in ancient China?”, Preprint for the conference organized by Roger Hart and Bob Richards, *The disunity of Chinese science*, Chicago, May 10-12, 2002, available online at the following address: <http://halshs.ccsd.cnrs.fr/halshs-00000091/>. Published in 江曉原主編 (Jiang Xiaoyuan (ed.)), *多元文化中的科學史。第十屆國際東亞科學史會議論文集* (History of science in a multicultural world. Proceedings of the tenth international conference on the history of science in East Asia, Shanghai, August 2002). 上海交通大學出版社 (Shanghai jiaotong university press), 2005, pp. 12-31 (proofs not corrected by the author).

“Generality above abstraction. The general expressed in terms of the paradigmatic in ancient China’s mathematics”, *Science in context*, 16, n° 3, 2003, pp. 413-458.

“Formes de calcul et démonstrations d’algorithmes en Chine ancienne. Quelques remarques sur les démonstrations de Liu Hui dans ses commentaires aux *Neuf chapitres sur les procédures mathématiques*”, in Jacqueline Boniface (ed.), *Calculs et formes*, Editions Ellipses, Paris, 2003, pp. 8-23.

“Les catégories textuelles de ‘Classique’ et de ‘Commentaire’ dans leur mise en oeuvre mathématique en Chine ancienne”, in Jean-Michel Berthelot (ed.), *Figures du texte scientifique*, PUF, 2003, pp. 55-79.

“Le réel en mathématiques: quelques vues prises de Chine”, in P. Cartier and N. Charraud (eds.), *Le réel en mathématiques. Psychanalyse et mathématiques*. Agalma éditeur, 2004, pp. 229-262 (proofs not submitted to the author). Updated version published in *Conferenze e Seminari. 2006-2007. Volume redatto a cura di L. Giacardi, M. Mosca, O. Robutti*, Kim Williams Books, 2007, pp. 159-181.

“Mathematics, Nature and Cosmological Inquiry in Traditional China”, in Guenther Dux and Hans-Ulrich Vogel (eds.), *Concepts of Nature in Traditional China: Comparative Approaches*, Leiden: Brill, 2010, p. 255–284 (Proceedings of the Symposium “Understanding Nature in China and Europe until the eighteenth century. A cross-cultural Project”, 23-25 March 2000).

“The interplay between proof and algorithm in 3rd century China: The operation as prescription of computation and the operation as argument”, in Paolo Mancosu, Klaus F. Jorgensen and Stig Andur Pedersen (eds.), *Visualization, Explanation and Reasoning styles in mathematics*, Synthese Library Series, volume 327, Springer, 2005, p. 123-145.

“Geometrical figures and generality in ancient China and beyond. Liu Hui and Zhao Shuang, Plato and Thabit ibn Qurra”, *Science in context*, 18, 2005, p. 123-166. “Geometrical figures and generality in ancient China and beyond. Liu Hui and Zhao Shuang, Plato and Thabit ibn Qurra—CORRIGENDUM”, *Science in context*, 22 (4), 2009, pp. 647–650.

“Artificial languages in the mathematics of ancient China”, *Journal of Indian Philosophy*, 34, 1-2, 2006, p. 31-56.

“Antiquity in the shape of a Canon. Views on antiquity from the outlook of mathematics”, in Dieter Kuhn and Helga Stahl (eds.), *Perceptions of Antiquity in Chinese Civilization*, Collection “Würzburger Sinologische Schriften”, 2008, p. 191-208. The

submitted version can be found at the following address: <http://halshs.ccsd.cnrs.fr/halshs-00010369/>.

“Reading proofs in Chinese commentaries: Algebraic proofs in an algorithmic context”, in K. Chemla (ed.), *The History of Mathematical Proof in Ancient Traditions*, Cambridge University Press, 2012, p. 423—486.

“Documenting a process of abstraction in the mathematics of ancient China”, in Anderl, Christoph and Halvor Eifring (eds.), *Studies in Chinese Language and Culture - Festschrift in Honor of Christoph Harbsmeier on the Occasion of his 60th Birthday*. Oslo, Hermes Academic Publishing and Bookshop A/S 2006, p. 169-194. Available online at the following addresses: <http://halshs.archives-ouvertes.fr/halshs-00133034> and <http://www.instphi.org/Festschrift.html>.

“Prologue: Historiography and history of mathematical proof: A research program”, in K. Chemla (ed.), *The History of Mathematical Proof in Ancient Traditions*, Cambridge University Press, 2012, p. 1-68.

“On mathematical problems as historically determined artifacts. Reflections inspired by sources from ancient China”, *Historia Mathematica*, 36, 3, 2009, p. 213-246. Reprinted in the special issue of reprints published for the 40th anniversary of the journal *Historia Mathematica*, 2014, <http://www.journals.elsevier.com/historia-mathematica/news/four-decades-of-excellence-in-the-history-of-mathematics-ann/>.

“從古代中國數學的觀點探討知識論文化 (*cong gudai Zhongguo shuxue de guandian tantao zhishilun wenhua*. An approach to epistemological cultures from the vantage point of some mathematics of ancient China)”, 祝平— Chu Pingyi (ed.), *New views on Chinese history. Volume on the History of Science and Technology: Science, technology and Chinese society* 中國史新論科技史分冊：科技與中國社會 (in Chinese), published for the 80th anniversary of the Institute of History and Philology, Academia Sinica, Taiwan, 台北：聯經出版社, 2010, p. 181-270.

“A Chinese Canon in Mathematics and its two Layers of Commentaries: Reading a collection of texts as shaped by actors”, in F. Bretelle-Establet (ed.), *Looking at it from Asia: the processes that shaped the sources of history of science*, Springer, Boston Studies in the Philosophy of Science 265, 2010, p 169-210.

“Describing texts for algorithms: how they prescribe operations and integrate cases. Reflections based on ancient Chinese mathematical sources”, in K. Chemla and J. Virbel (eds.), *Texts, Textual Acts and the History of Science*, Springer, collection “Archimedes”, 2015, p. 317-384.

“La généralité, valeur épistémologique fondamentale des mathématiques de la Chine ancienne”, Conference in the memory of Jean Filliozat, *Comptes rendus de l'Académie, Académie des Inscriptions et Belles-Lettres, Institut de France*, 2006 (2008), 10 bis, fascicle IV, p. 113-146.

“Proof in the Wording: Two modalities from Ancient Chinese Algorithms”, in G. Hanna, H. N. Jahnke, and H. Pulte, *Explanation and Proof in Mathematics: Philosophical and Educational Perspectives*, Springer, 2010, pp. 253—285. A version is available online at the following address: <http://halshs.archives-ouvertes.fr/halshs-00841587>.

“Changes and continuities in the use of diagrams *tu* in Chinese mathematical writings (3rd century-14th century) [I]”, Special issue of EASTS. *East Asian Science, Technology, and Society, An International Journal*, 4, 2010, p. 303–326. A version is available online at the following address: <http://halshs.archives-ouvertes.fr/halshs-00837549>.

“Usage of the terms ‘likewise’ and ‘like’ in texts for algorithms. Algorithmic analogies in ancient China”, in Klaus Hentschel (ed.), *Analogien in Naturwissenschaft und Medizin*, Halle: Leopoldina, 2010 (Acta Historica Leopoldina), p. 329-357. A version is available online at the following address: <http://halshs.archives-ouvertes.fr/halshs-00837518>.

“Constructing value with instruments versus constructing equivalence with mathematics. Measuring grains according to early Chinese mathematical sources”, in John Papadopoulos and Gary Urton (eds.), *The Construction of Value in the Ancient World*, Cotsen Institute of Archaeology, 2012, p. 459-474 (references, p. 536-595).

(with Ma Biao) “Interpreting a newly discovered mathematical document written at the beginning of Han dynasty in China (before 157 B.C.E.) and excavated from tomb M77 at Shuihudi 睡虎地,” *Sciamvs*, 12, 2011, p. 159-191.

“Using documents from ancient China to teach mathematical proof”, in G. Hanna and M. de Villiers (eds.) *Proof and Proving in Mathematics Education*, New ICMI Study Series 15, Springer, 2012, p. 423-429.

“Ancient writings, modern conceptions of authorship. Reflections on some historical processes that shaped the oldest extant mathematical sources from ancient China”, in Markus Asper (ed.), *Writing Science. Medical and Mathematical Authorship in Ancient Greece*, 2013, p. 63-82.

“Changing mathematical cultures, conceptual history and the circulation of knowledge. A case study based on mathematical sources from ancient China”, in K. Chemla and E. Fox Keller (eds.), *Cultures without culturalism: The making of scientific knowledge*, Duke University Press, 2017, p. 352-398.

“Ecrire les raisons de la correction d'algorithmes: perspectives depuis la Chine ancienne”, in Ahmad Hasnawi, Pierre Pellegrin and Roshdi Rashed (eds.), *La démonstration de l'antiquité à l'âge classique*, Paris: Blanchard, 2014, Forthcoming, see the present version online at the following address: <http://halshs.archives-ouvertes.fr/halshs-00803428>.

“Observing mathematical practices as a key to mining our sources and conducting conceptual history. Division in ancient China as a Case study”, Preprint handed out at the conference “Rethinking Science after the Practice Turn”, organized by Léna Soler and the group PratiSciens, June 19-20, 2012. A revised version appeared in: Léna Soler, Sjoerd Zwart, Michael Lynch and Vincent Israël-Jost (eds.), *Science after the Practice Turn in Philosophy, History, and the Social Studies of Science*, Routledge, 2014, p. 238-268. The preprint is online at the following address: <http://halshs.archives-ouvertes.fr/halshs-00803425>.

“Problèmes et démonstration de la correction d'algorithmes en Chine ancienne”, in Claude-Olivier Doron and Bernard Parzys (eds.), *10^e Journée d'études de l'école doctorale de l'Université Paris Diderot-Paris 7 “Savoirs Scientifique”*, March 10, 2010, “Moyens de validation et de preuve dans les différentes disciplines”, 2013, p. 33-50 (proofs not submitted to the author). Text available online at the following address: <http://halshs.archives-ouvertes.fr/halshs-00799461>.

(with Ma Biao) “How do the earliest known mathematical writings highlight the state's management of grains in early imperial China?”, Preprint handed out at the conference

“Cultures of computation and quantification in the ancient world”, SAW Project, March 25-29n 2013. Published in *Archive for history of exact sciences*, 69 (1), 2015 (2014), p. 1-53.

Ma Biao (馬彪) and K. Chemla (林力娜) “秦、西汉容量“石”诸问题研究 (Research on various problems raised by the capacity measuring unit ‘dan’ in the Qin and Western Han time periods, *Zhongguo shi yanjiu* 中國史研究 (Researches on the history of China), 2017 (accepted).

“Working on and with division in early China”, preprint handed out at the conference “Cultures of computation and quantification in the ancient world”, SAW Project, March 25-29, 2013. The revised version is forthcoming in K. Chemla, A. Keller and C. Proust (eds.), *Cultures of computation and quantification in the ancient world* (Forthcoming).

(with 鄒大海 ZOU Dahai), “Parts in Chinese mathematical texts. Interpreting the chapter form of *The Nine Chapters on Mathematical Procedures*,” preprint handed out at the conference “Parts and Pieces: an Exploration of the Textuality of Scientific Writings”, SAW Project, July 3-4, 2013. The revised version is forthcoming in Florence Bretelle-Establet and Stéphane Schmitt (eds.), *Parts and Pieces: an Exploration of the Textuality of Scientific Writings* (2018, Forthcoming).

“Shedding some light on a possible origin of the concept of fraction in China. Division as a link between the newly discovered manuscripts and *The Gnomon of the Zhou [dynasty]*”, *Sudhoffs Archiv*, 97 (2), 2013, p. 174-198. See online at <https://halshs.archives-ouvertes.fr/halshs-01138465>.

墨子涵 (Daniel Morgan) and 林力娜 (Karine Chemla), “也有輪著寫的：張家山漢簡《算數書》寫手與篇序初探 (There is Also Writing in Turns: Initial Investigation of the Hands and Compilational Order of the Han Bamboo Manuscript *Suan shu shu* (Writings on mathematical procedures) from Zhangjiashan)”, preprint handed out at the conference “Bamboo and Silk: Unearthed Documents of the Warring States, Qin and Han.” (Creel Center for Chinese Paleography, Chicago, and Centre for the Study of Bamboo and Silk Manuscripts of Wuhan University in Wuhan, China), October 24-26, 2014. Published in Chinese in *Jianbo* 簡帛 12, 2016, p. 235-252. A Chinese Version is available online at the following address: <https://halshs.archives-ouvertes.fr/halshs-01347036>.

Daniel Morgan and Karine Chemla, “Writing in Turns : An Analysis of Scribal Hands in the Bamboo Manuscript *Suan shu shu suan* 算數書 (Writings on Mathematical Procedures) from Zhangjiashan Tomb No. 247,” *Silk and Bamboo*, 1, 2018, p. 152-189. Revised and expanded English version of the preceding item.

“Writing abstractly in mathematical texts from early imperial China”, preprint handed out at the conference *Technical Arts and Historical Writing in Early China*, Berkeley, November 6-8, 2014. The revised version is submitted in Mark Csikszentmihalyi and Michael Nylan (eds.), *Technical Arts and Historical Writing in Early China*.

“Mathematical Knowledge and Practices from early imperial China till the Tang Dynasty (618-907)”, in Alexander Jones and Liba Taub (eds.), *Cambridge History of ancient science*, Cambridge University Press, 2018, Forthcoming.

“Abstraction as a value in the historiography of mathematics in ancient Greece and China. A Historical approach to comparative history of mathematics”, in Geoffrey Lloyd, Qiaosheng Dong and Jingyi Jenny Zhao (eds.) *Ancient Greece and China Compared*, Cambridge University Press, 2018 (2017), p. 290-325.

“Proof, Generality and the Prescription of Mathematical Action: a Nanohistorical Approach to Communication”, European Society for the History of Science, Presidential address, *Centaurus*, 57, 2015 (2016), p. 278–300. Available online at the following address: <http://onlinelibrary.wiley.com/doi/10.1111/1600-0498.12111/full>

“Conjunctions between the sun and the moon, and pursuit problems. Mathematical reasoning in Chinese writings on astral sciences”, preprint handed out at the SAW conference “Mathematical Practices in relation to Astral Sciences” (2015). A revised version is forthcoming in M. Husson, K. Chemla and A. Keller, with the collaboration of J. Steele (eds.), *Mathematical Practices in relation to Astral Sciences* (in preparation).

(with LI Liang) “Progressions, motions and changes in the astral sciences of ancient China”, preprint handed out at the SAW conference “Mathematical Practices in relation to Astral Sciences” (2015). The revised version is forthcoming in M. Husson, K. Chemla and A. Keller, with the collaboration of J. Steele (eds.), *Mathematical Practices in relation to Astral Sciences* (in preparation).

“Mathematics”, in Paul Goldin (ed.), *Routledge Handbook of Early Chinese History*, Routledge, 2018, p. 479-498.

(with Ma Biao) “The use of volume in the measurement of grains in early imperial China”, in C. Michel and K. Chemla (eds.), *Mathematics and Administration in the ancient world* (Forthcoming)

“How has one, and how could have one, approached the diversity of mathematical cultures?”, in Martin Skutella (ed.), *Proceedings of the 7th European Congress of Mathematics 2016*, Berlin, August 18-22, 2016 (2018, Forthcoming).

“Numerical tables in Chinese writings devoted to mathematics: From early imperial manuscripts to printed Song-Yuan books”, *East Asian Science, Technology and Medicine*, 44, 2016 (2017), p. 69-121.

“Different clusters of text from ancient China, different mathematical ontologies”, Preprint handed out for the workshop “Science in the forest, Science in the past: clash of ontologies and problems of translation”, organized by Geoffrey Lloyd, Aparecida Vilaça, Mauro Almeida and Manuela Carneiro da Cunha, Cambridge University, 31 May -2 June, 2017.

“Various facets of a formal work on operations in a tradition from China, 1st century—13th century”, in Tian Miao and K. Chemla, *A Worldwide Approach to the Early History of Algebra seen from China*, (contract with Springer).

(with Zhu Yiwen) “Contrasting commentaries, and contrasting subcommentaries on mathematical and on Confucian canons”, in K. Chemla, M. Geller, and G. Most (eds.), *Proofs, problems, and procedures: mathematical and astral commentaries* (provisional title), forthcoming.

(Zhu Yiwen and K. Chemla), « Algorithms carrying out derivations (*tui*) versus Algorithms for looking for (*qiu*). On the first entry of *Mathematical Procedures for the Five Canonical Texts* », in M. Husson, A. Keller et C. Proust (eds.), *Practices of reasoning in the mathematical sciences* (titre provisoire). Preprint handed out during the conference with the same name, December 2017.

II—2 History of mathematics in the traditions in Greek, Arabic, and Latin, and comparative work

(with R. Morelon and A. Allard) “La tradition arabe de Diophante d’Alexandrie”, *L’Antiquité Classique*, tome LV, 1986, p. 351-375.

(with G. Mazars and A. Djebbar) “Mondes arabe, chinois, indien: quelques points communs dans le traitement des nombres fractionnaires”, in P. Benoit, K. Chemla, and J. Ritter (eds.), *Histoire de fractions, fractions d’histoire*, Birkhäuser, 1992, p. 262-276. (Presentation in *NHCS*, 6, 1993, p. 30).

(with Serge Pahaut) “Remarques sur les ouvrages mathématiques de Gersonide”, in Gad Freudenthal (ed.), *Studies on Gersonides — A Fourteenth Century Jewish Philosopher-Scientist*, Brill, 1992, p.149-191. Chapter available at the following address: <http://books.google.fr/books?id=DXSUpHqPiMgC>

“Similarities between Chinese and Arabic Mathematical Writings (I): root extraction”, *Arabic Sciences and Philosophy*, 4, 2, 1994, p. 207-266. (Presentation in *NHCS*, 10, 1995, p. 24).

(in collaboration with Joseph Dauben, Liu Dun, and Chikara Sasaki) “Mathematics in Asia: A report”, *Physis*, XXXI, 1994, n° 2, p. 563-9 (Presentation in *NHCS*, 11, p. 16-7).

“Different Concepts of Equations in *The Nine Chapters on Mathematical Procedures* and in the Commentary on it by Liu Hui (3rd century)”, *Historia Scientiarum*, 4, n° 2, 1994, p. 113-37. (Presentation in *NHCS*, 10, 1995, p. 25).

“Algebraic Equations East and West until the Middle Ages”, in K. Hashimoto, C. Jami, and L. Skar (eds.), *East Asian Science: Tradition and Beyond: Papers from the Seventh International Conference on the History of Science in East Asia*, Kyoto, 2-7 August 1993, Kansai University Press, Osaka, 1995, p. 83-9 (Presentation in *NHCS*, 11, p. 17).

“Reflections on the world-wide history of the rule of false double position, or: how a loop was closed”, *Centaurus*, 39, 1997, p. 97-120. (Presentation in *NHCS*, 14, 1997, p. 11-2). Abridged Chinese Version, translated by Wang Xiaoqin, in Liu Dun, Han Qi et al. (eds.), *Keshi xinchuan. Qingzhu Du Shiran xiansheng congshi kexueshi yanjiu 40 zhounian xueshu lunwenji* (Transmission of the flame in the history of science. Collection of articles to celebrate the anniversary of Professor Du Shiran’s Forty years of research in the history of science), Liaoning jiaoyu chubanshe, 1997, p. 122-31.

“The Rivers and the Sea: Analyzing Needham’s Metaphor for the World History of Science”, in S. Irfan Habib and Dhruv Raina (eds.), *Situating the History of Science: Dialogues with Joseph Needham*, Oxford University Press, New Delhi, 1999, p. 220-244, (Proceedings of “Science the Refreshing river”, International Conference on the History of science and civilizations, New Delhi, 2-4 September 1996).

(with Agathe Keller) “The Sanskrit *karanis*, and the Chinese *mian*”, in Yvonne Dold-Samplonius, Joseph W. Dauben, Menso Folkerts, and Benno van Dalen (eds.), *From China to Paris: 2000 Years of Mathematical Transmission* (Proceedings of the Bellagio Conference, 5-2000), Steiner Verlag, Stuttgart 2002, p. 87-132.

“Algorithmes et histoire de la démonstration”, in Régis Morelon and Ahmad Hasnaoui (eds), *De Zénon d’Elée à Poincaré. Recueil d’études en hommage à Roshdi Rashed*, Peteers, 2004, p. 175-204.

II—3 History of mathematics in Europe from the 17th century on

“The Background to Gergonne's Treatment to Duality: Spherical Trigonometry in the Late 18th Century”, in D. Rowe, and J. McCleary (eds.), *The History of Modern Mathematics*, Academic Press, 1989, vol. I, p. 331-359.

“Euler's Work in Spherical Trigonometry: Contributions and Applications”, *Opera Omnia*, troisième série, volume 10, *Commentationes physicae ad theoriam caloris, electricitatis et magnetismi pertinentes. Appendicem addidit Karine Chemla*, 2003, pp. CXXV-CLXXXVII.

Reviews: J. Heilbron, *Archives internationales d'histoire des sciences*, 55, 2005, p. 522-524. R. Thiele, *Sudhoffs Archiv*, 90, 2, 2006, p. 238-239.

“Michel Chasles, géomètre et historien de la géométrie”, in J. Dauben and C. Scriba (eds.), *Writing the History of Mathematics: Its Historical Development*, Collection “Historical Studies. Science Networks”, Basel: Birkhäuser, 2002, p. 396-8.

“Lazare Carnot et la généralité en géométrie. Variations sur le théorème dit de Menelaus”, *Revue d'histoire des mathématiques*, 4, 2, 1998, p. 163-90.

(with Serge Pahaut), “Histoire ou préhistoire de la dualité. Relecture des triangles sphériques avec et après Euler”, in Paul Van Praag (ed.), *Aspects de la dualité en mathématiques*, *Cahiers du Centre de logique*, Université catholique de Louvain, Département de philosophie, vol. 12, 2003, p. 9-25.

“The Value of Generality in Michel Chasles's Historiography of Geometry”, in K. Chemla, R. Chorlay and David Rabouin (eds.), *The Oxford Handbook of Generality in Mathematics and the Sciences*, Oxford University Press, 2016, p. 47-89.

II—4 Reflections on mathematics and historiography

(with Serge Pahaut) “Objets et artefacts; les sciences et la culture”, *Encyclopédie Philosophique Universelle*, Presses Universitaires de France, 1989, p. 953-958.

“De la synthèse comme moment dans l'histoire des mathématiques”, *Diogène*, 160, 1992, p. 97-114. (English translation, not revised by the author: *Diogenes*, 160, p. 95-111; Spanish translation, not revised by the author: *Diogenes*, 160, p. 92-107). (Presentation in *NHCS*, 10, 1995, p. 25-6). An abridged version of this text was prepared by Claudie Asselain-Missenard under the title “De la synthèse en mathématiques. Un point de vue historique”, for the journal *PLOT*, 28, 2009, p. 2-11.

“Histoire des sciences et matérialité des textes. Proposition d'enquête”, *Enquête*, 1, 1995, p. 167-80 (Presentation in *NHCS*, 11, p. 17-8). Available online at the following address: <http://enquete.revues.org/document273.html>.

“What is the content of this book? A plea for developing history of science and history of text conjointly”, *Philosophy and the History of Science: a Taiwanese Journal*, 4, n° 2, 1995, p. 1-46. (Presentation in *NHCS*, 14, 1997, p. 44-5). Reprinted in K. Chemla (ed.), *History of science, history of text*, Springer, 2004, p. 201-230.

“Sciences en texte”, in Pierre-Marc de Biasi (ed.), *Genèses*, éditions Archivos, 2003, Proceedings of the conference “Genèses”, Second international conference of genetic critique

organized by the research group ITEM (ENS, CNRS), forthcoming. Article published under the title “Sciences en texte, ou Des rapports entre écriture et pensée”, *A3 CNRS Magazine*, 68, 2016, p. 45-49. Text online at the following address: <https://www.a3cnrs.org/page/73132-a3-magazine-en-ligne>.

“Commentaires, éditions et autres textes seconds: quel enjeu pour l'histoire des mathématiques ? Réflexions inspirées par la note de Reviel Netz”, *Revue d'histoire des mathématiques*, 5, n° 2, 1999, p. 127-148.

(with Jeanne Peiffer), “Paul Tannery et Joseph Needham. Deux plaidoyers pour une histoire générale des sciences”, in I. Passeron and S. Roux (eds.), *Histoire des jeux, jeux de l'histoire*, en l'honneur de Ernest Coumet, *Revue de synthèse*, 4^e série, 122, 2-3-4, 2001, p. 367-392. Available at the address: http://revue-de-synthese.eu/doc/RS_2001b_367-392.pdf.

“Les travaux de A.P. Youschkevitch sur l'histoire des mathématiques en Chine”, in *Studies in History of mathematics dedicated to A. P. Youschkevitch, Proceedings of the XXth International Congress of History of Science, Liège (Belgium), 20-26 July 1997*, Brépols, Liège, 2002, p. 25-31.

“Postface. Ecritures pratiques et histoire des sciences”, in N. Coquery, F. Menant and F. Weber (eds.), *Ecrire, compter, mesurer. Vers une histoire des rationalités pratiques*, Editions Rue d'Ulm/Presses de l'ENS, Paris, 2006, pp. 265—277.

“History of science, history of text: an introduction”, in K. Chemla (ed.), *History of science, history of text*, Boston studies in philosophy of science, Springer, 2004, p. VII-XXVII.

“Le paradigme et le général. Réflexions inspirées par les textes mathématiques de la Chine ancienne”, in J. C. Passeron and J. Revel (eds.), *Penser par cas, Enquête*, 2005, 4, Editions de l'EHESS, p. 75-93.

“Penser sur la science avec les mathématiques de la Chine ancienne”, in Anne Cheng (ed.), *La pensée en Chine aujourd'hui*. Text published in the epilogue of the book, titled “Dépasser l'altérité”, Gallimard, Folio, 2007, p. 353-386, 432-438. The preprint can be downloaded from the following address: <http://halshs.archives-ouvertes.fr/halshs-00903738>.

(with Florence Bretelle-Establet) “Introduction: Qu'était-ce qu'écrire une encyclopédie en Chine?”, in F. Bretelle-Establet and K. Chemla (eds.), *Qu'était-ce qu'écrire une encyclopédie en Chine? What did it mean to write an encyclopedia in China, Extrême-Orient, Extrême-Occident*, hors-série, 2007, p. 7-18. The article can be downloaded from the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_2007_hos_1_1_1066.

“Literacy and the history of science. Reflections based on Chinese and other sources”, in David R. Olson and Nancy Torrance (eds.), *Cambridge handbook of literacy*, Cambridge University Press, 2009, p. 253-270.

“Apprendre à lire: La démonstration comme élément de pratique mathématique”, *Communications*, 2009, 84, Special issue, R. Mandressi (ed.), *Figures de la preuve*, p. 85-101.

Preface to Jens Hoyrup, *L'algèbre au temps de Babylone*, Vuibert, 2010.

“數學證明編史學中的一個理論問題 (A theoretical issue in the historiography of mathematical proof)”, *Science & Culture Review* (科学文化评论), 8, 3, 2011, p. 16–25.

(with Jacques Virbel) “Introduction: Textual acts and the History of science”, in K. Chemla and J. Virbel (eds.), *Texts, Textual Acts and the History of Science*, Springer, collection “Archimedes”, 2015, p. 1-46

“On the sources of the historian of science from the perspective of a history of education”, in Alain Bernard and Christine Proust (eds.), *Scientific Sources and Teaching Contexts throughout History: Problems and Perspectives*, Boston Studies in the Philosophy of Science vol. 301, Springer, 2014, p. 305-324.

“The Dangers and Promises of Comparative History of Science”, *Sartoniana*, 27, 2014, Sarton Chair of the History of Sciences, University of Ghent, Belgium, p. 13-44. The preprint can be downloaded from the following address: <https://halshs.archives-ouvertes.fr/halshs-01164229/document>. The published version can be found here: <http://www.sartonchair.ugent.be/file/288>.

“Explorations on the History of Recreational Mathematics: An Introduction”, *Historia Mathematica* (introduction to the special issue *Explorations on the History of Recreational mathematics*), 41, 4, 2014, p. 367-376.

“L’histoire des sciences dans la sinologie des débuts du XIX^e siècle: les Biot père et fils”, Preprint handed out at the conference “Jean-Pierre Abel-Rémusat et ses successeurs. Deux cents ans de sinologie française en France et en Chine / 中法汉学之间两世纪的交流: 中法合办法兰西学院雷慕沙讲座两百周年纪念学术研讨会”, organized by P. E. Will, Collège de France, 11-13 June 2014 (the document can be downloaded from the following address: <https://halshs.archives-ouvertes.fr/halshs-01509318/document>). The final version is in preparation.

“What is at stake in the study of string figures?”, Preface to Eric Vandendriessche, *String Figures as Mathematics? An anthropological approach to string figure-making in oral tradition societies*, Springer, Studies in History and Philosophy of Science, 392 p., 2015, p. vii-x.

(with Renaud Chorlay and David Rabouin) “Prologue: Generality as a component of an epistemological culture”, in K. Chemla, R. Chorlay and David Rabouin (eds.), *The Oxford Handbook on Generality in Mathematics and the Sciences*, Oxford University Press, 2016, p. 1-41.

(with Evelyn Fox Keller) “Cultures without culturalism in the making of scientific knowledge. Introduction”, in K. Chemla and E. Fox Keller (eds.), *Cultures without culturalism: The making of scientific knowledge*, Duke University Press, 2017, p. 1-25. Available online at the following address: https://www.dukeupress.edu/Assets/PubMaterials/978-0-8223-6372-9_601.pdf

“Reading *The History Manifesto* as a historian of mathematics in ancient China”, *Isis*, 107 (2), 2016, p. 324-333. Available online at the following address: <http://www.journals.uchicago.edu/doi/pdfplus/10.1086/687222>.

“Numerical Tables and Tabular Layouts in Chinese scholarly documents: An introduction (part I): On the work to produce tables and the meaning of their format”, Introduction to volume 1 of a special issue, entitled *Numerical Tables and Tabular Layouts in*

Chinese scholarly documents (I), *East Asian Science, Technology and Medicine*, 43, 2016 (2017), p. 9-15.

“Numerical Tables and Tabular Layouts in Chinese scholarly documents: An introduction (part II): Synchronic and Diachronic approaches to the texts of tables”, Introduction to volume 2 of a special issue entitled *Numerical Tables and Tabular Layouts in Chinese scholarly documents* (II), *East Asian Science, Technology and Medicine*, 44, 2016 (2017), p. 11-20.

Martina Schneider and K. Chemla, “The reception of Wylie’s 1852 *Jottings* in 19th century Europe”, Preprint handed out during the conference “Writing histories of ancient mathematics – Reflecting on past practices and opening the future, 18th – 21st centuries”, 24-28 October 2016, see abstract online at the following address: <http://sawerc.hypotheses.org/conferences/conference-octobre-2016>. The final version is in preparation.

MIZUNO Hiromi and K. Chemla, “Mikami Yoshio (1875-1950): From the philosophy of mathematics to cultural history of mathematics”, Preprint handed out at the conference “Writing histories of ancient mathematics – Reflecting on past practices and opening the future, 18th – 21st centuries”, 24-28 October 2016, see online abstract at the following address: <https://f.hypotheses.org/wp-content/blogs.dir/946/files/2016/10/161024-conf-historiographie-prog-avec-abstracts.pdf>. The final version is in preparation.

“What can be derived from Evelyn Fox Keller’s article about scientific cultures? Some thoughts about language and scientific activity”, *EASTS. East Asian Science, Technology, and Society, An International Journal*, 11, 3, 2017, p. 411-416.

II—5 For a wider readership

Composition of the part on the history of mathematics in China and Japan, for the article "Mathematics, the History of", published in the new edition of the *Encyclopedia Britannica*, p. 603-633F. Revision of the article in 2002-3, for the subsequent edition, published in 2005.

Interview of A.P. Youschkevitch for *NTM Schriftenr. Gesch. Naturwiss., Technik, Med.*, 28, 1991, p. 1-11.

“Travail scientifique, travail du texte”, *Alliage*, 4, 1990, p. 54-61.

"Note sur l'histoire des sciences en Chine, avec une référence particulière à l'histoire des mathématiques", *Actes de l'Université d'Été d'histoire des sciences*, Liège, 1988 (Forthcoming). A revised version appeared under the title “Histoire des sciences en Chine: histoire des mathématiques”, In *Introduction à l'histoire des sciences* (Actes du premier cours international d'histoire des sciences, Cité des Sciences, Tunis, 14-19 April 1996) *Al-Madar*, 10, 1997, p. 145-57. (Presentation in *NHCS*, 15, 1998, p. 20).

“Some Ancient Solutions to the Problem of Fractioning Numbers”, in I. Grattan-Guinness (ed.), *Companion Encyclopedia of the History and the Philosophy of the Mathematical Sciences*, Routledge, 1994, vol. 1, p. 161-6.

(with Serge Pahaut) “Mathématiques et civilisations”, Interview with Ruth Scheps, in Ruth Scheps (ed.), *La science sauvage*, Points sciences, Editions du Seuil, 1993, p. 174-189.

“Revue et transversalité: l'émergence d'un champ”, in Béatrice Didier and Marie-Claire Ropars (eds.), *Revue et recherche*, Presses Universitaires de Vincennes, 1994, p. 155-161.

Entries “Zhu Shijie”, “Siyuan yujian”, and “Suanxue qimeng”, in Helaine Selin (ed.), *Encyclopedia of the History of Science, Technology and Medicine in Non-Western Cultures*, Kluwer, 1997, p. 903-4, 914-5, 1056-7. E-version, 2006, with revision of these entries and addition of the entry “Liu Hui and *Jiuzhang suanshu*”.

“Alexandrie était à Alexandrie. Que nous disent de la Méditerranée les mathématiques?”, *Alliage*, special issue *Autour de la méditerranée*, 24-25, 1995, p. 32-9 (Presentation in *NHCS*, 11, p. 18-9). Online at: <http://www.tribunes.com/tribune/alliage/24-25/chem.htm>

“Joseph Needham”, *Universalis 1996. La politique, les connaissances et la culture en 1995*, Encyclopedia Universalis, 1996, p. 523.

“Qu'attendre de l'histoire des sciences dans les aires non-occidentales?”, Preprint handed out in the context of the seminar aiming at reflecting on science studies, organized by the EHESS, 18-1-96. A revised version appeared in R. Guesnerie and F. Hartog (eds.), *Des sciences et des techniques: un débat*, *Cahier des Annales* 45, EHESS, 1998, p. 67-83. (Presentation in *NHCS*, 17, 1999, p. 51).

(with Pierre Cartier), “La création des noms mathématiques: l'exemple de Bourbaki”, *Le Temps des savoirs*, 1, 2000: *La dénomination*, p. 153-70.

“Aperçu sur l'histoire des mathématiques en Chine ancienne dans le contexte d'une histoire internationale”, in D. Tournès (ed.), *L'océan indien au carrefour des mathématiques arabes, chinoises, européennes et indiennes*, Actes du colloque à Saint-Denis de la Réunion (3-7 November 1997), Publication de l'I. U. F. M. de La Réunion, 1998, p. 71-90. (Presentation in *NHCS*, 17, 1999, p. 14-5). Available online at the following address: <http://www.reunion.iufm.fr/dep/mathematiques/Seminaires/theme2.html>

“Comments on the papers by Chu Pingyi and Morris Low: Contending histories of science”, Workshop “Renegotiating the scope of Chinese Studies”, 13-15 March 2000, Santa Barbara, Available online at the following address: <http://halshs.ccsd.cnrs.fr/halshs-00003984/>.

(with Francesca Bray and Georges Métaillé), “General introduction”, in K. Chemla (ed.), in collaboration with an editorial board composed of F. Bray, Fu Daiwie, Huang Yi-Long, G. Métaillé, *La scienza in Cina*, in: Sandro Petruccioli (gen. ed.), *Storia della scienza*, vol. II, Enciclopedia Italiana, Roma, 2001, p. 5-29. K. Chemla wrote the sections 2.1, 3 and 4 (p. 6-8, 15-29). Available at the following address: [http://www.treccani.it/enciclopedia/asia-india-america-la-scienza-in-cina-introduzione-generale_\(Storia-della-Scienza\)/](http://www.treccani.it/enciclopedia/asia-india-america-la-scienza-in-cina-introduzione-generale_(Storia-della-Scienza)/).

“Qin-Han to Tang dynasties (221 BC—906 AD): The emergence of specialised literature”, in K. Chemla (ed.), in collaboration with an editorial board composed of F. Bray, Fu Daiwie, Huang Yi-Long, G. Métaillé, *La scienza in Cina*, in: Sandro Petruccioli (gen. ed.), *Storia della scienza*, vol. II, Enciclopedia Italiana, Roma, 2001, p. 30-37. Available at the following address: http://www.treccani.it/enciclopedia/la-scienza-in-cina-dai-qin-han-ai-tang-introduzione_%28Storia-della-Scienza%29/.

(with Francesca Bray, Fu Daiwie, Huang Yi-Long and Georges Métaillé), “意大利百科全書‘中國科學史’卷序。History of science in China. A section of the Encyclopaedia

Storia della Scienza en 8 volumes, (Presentation of the project, in the context of the translation into China of part of the articles of *Storia della scienza*)”, 法國漢學 *Faguo hanxue* (French sinology), 6, 2002, p. 1-34 (in Chinese).

“Biography of Liu Hui”, *Encyclopedia Britannica* (Forthcoming).

“China and world mathematics”, *Beijing Intelligencer*, International Congress of Mathematicians, Beijing, 2002, p. 42-48.

“Une culture de la démonstration différente de celle d’Euclide”, *Pour la science*, Collection “Les génies de la science”, 21, November 2004, p. 4-5.

“Mathématiques de la Chine ancienne”, *Lettre de l’Académie des sciences*, Special issue on the history and philosophy of science, 14, Winter 2004 (2005), p. 14-15, <http://www.academie-sciences.fr/publications/lettre.htm>.

“Calculent-ils comme nous”, *L’histoire*, 300, July-August 2005, p. 34-35.

“Matematica e cultura nella Cina antica”, in Claudio Bartocci and Piergiorgio Odifreddi (eds.), *La matematica. I.: I luoghi e i tempi*, Einaudi, 2007, pp. 91-137. A revised translation into French, carried out by D. Vernerey, appeared under the title: “Mathématiques et culture. Une approche appuyée sur les sources chinoises les plus anciennes”, in *La mathématique. 1. Les lieux et les temps*, Editions du CNRS, 2009, p. 103–152.

“K. Chemla”, in P. Pajot (ed.), *Parcours de mathématiciens*, Collection *Comment je suis devenue ...*, éditions “Le Cavalier Bleu”, 2010, p. 77–94.

“Une figure peut en cacher une autre. Reconstituer une pratique des figures géométriques dans la Chine du XIII^e siècle”, *Images des mathématiques*, May 2011, <http://images.math.cnrs.fr/Une-figure-peut-en-cacher-une.html>.

(with Thomas Coudreau and Giuseppe Leo) “Observation: pratiques et enjeux”, introduction to the book *Observations: pratiques et enjeux*, Omniscience, 2015, p. 5-16 (http://www.omniscience.fr/files/2015/02/21/itm0499_Introduction.pdf).

Introduction to *Les Neuf Chapitres. Le classique mathématique de la Chine ancienne. Extraits du Neuvième Chapitre*. Prepared by André Deledicq on the basis of *Les Neuf Chapitres*, Les Classiques Kangourou. ACL-Les Editions du Kangourou, 2013.

“La diversité des cultures mathématiques: un passé et quelques futurs possibles”, *Gazette des mathématiciens*, 150, 2016, p. 16-30 (Available at the following address: <http://www.smf.emath.fr/files/150-bd.pdf>). English translation under the title: “The Diversity of Mathematical Cultures: One Past and Some Possible Futures”, in: *Newsletter de l’EMS* (European Mathematical Society), 104, June 2017, p. 14-24 (<http://www.ems-ph.org/journals/newsletter/pdf/2017-06-104.pdf>).

III— OTHER ARTICLES

III—1 History of mathematics in China

“Equations with General Coefficients in the *Ce Yuan Hai Jing*”, Cahiers du séminaire de Rennes "Science, Technique, Société", *Publications de l'Institut de Recherche Mathématique de Rennes, Fascicule II: Science, Histoire, Société*, 1985, p. 23-30.

“L'aspect algorithmique récurrent dans les mathématiques chinoises: Paysages d'algorithmes, algorithmes de paysages”, in Jean Dhombres (ed.): *Cahiers d'Histoire et de Philosophie des Sciences*, 20, Société française d'histoire des sciences et des techniques, 1987, p. 86-104.

(with Serge Pahaut) “Savoir-faire et finalités dans les procédures”, in J. Berleur, S. Cabistis, J.-Cl. Deroubaix, R.F. Poswick, G. Valenduc (eds.) *L'appropriation sociale de l'informatique à...*, Actes des deuxièmes journées de réflexion sur l'informatique, Namur, August 30-September 1, 1984, Presses Universitaires de Namur, p. 253-257.

“Elaboration of Coherence among Procedures in Three Separate Worlds”, Preprint, Third International Conference on the History of Chinese Science, Beijing, August 1984. (French version published in I. Ang and P. E. Will (eds.), *Nombres, Astres, Plantes et Viscères*, 1994, p. 1-36).

“The Relevance of ‘Naming’ for the Working Process in China. Some Materials from Mathematical Texts”, Preprint, 31st Conference of the European Association on Chinese Studies, Weimar, 1988 (A French revised version appeared in *Extrême-Orient, Extrême-Occident*, 15, 1993).

“The Relevance of Formal Properties of Mathematical Texts in Chinese Tradition”, Preprint, communication to the Boston Colloquium For the History and Philosophy of Science, May 1988.

“Chinese Algorithmic Tradition and Liu Hui's commentary to the *Nine Chapters on Mathematical Procedures*”, Preprint, 6th international conference on the history of science in China, Cambridge, August 2-7, 1990.

(with F. Jullien) “Du formalisme en sinologie”, in K. Chemla, A. Volkov and V. Lichtmann (eds.), *Modèles et structures des textes chinois anciens*, *Extrême-Orient, Extrême-Occident*, 13, 1991, p. 7-10. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1991_num_13_13_1040.

“Présentation: Texte et argumentation”, in K. Chemla (ed.), *Regards Obliques sur l'Argumentation en Chine*, *Extrême-Orient, Extrême-Occident*, 14, 1992, p. 9-13. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1992_num_14_14_961.

“Mathematical Europe from Outside Europe”, in C. Goldstein and J. Ritter, “Myths and Historical Realities of Mathematical Europe”, *Prépublications de l'Université de Paris-Sud, Mathématiques*, 93-24, p. 17-21, appeared in *European Mathematics Congress*, Paris, 3-6 July 1992.

(with F. Martin) “Présentation: De l'adéquation entre noms et réalités en Chine ancienne”, in K. Chemla and F. Martin (eds.), *Le juste nom, Extrême-Orient, Extrême-Occident*, 15, 1993, p. 5-10. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1993_num_15_15_970.

(with F. Martin) “Rendre à César ? Ou de l'identification, des techniques, des significations, des sources et des motivations des citations”, in K. Chemla, F. Martin and J. Pigeot (eds.), *Le travail de la citation en Chine et au Japon, Extrême-Orient, Extrême-Occident*, 17, 1995, p. 5-10. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/issue/oroc_0754-5010_1995_num_17_17.

(with M. Lackner) “Introduction: pratiques de la position en Chine”, in K. Chemla and Michael Lackner (eds.), *Disposer pour dire, placer pour penser, situer pour agir. Pratiques de la position en Chine, Extrême-Orient, Extrême-Occident*, 18, 1996, p. 5-8. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1996_num_18_18_1014.

“Le jeu d'opérations opposées mais complémentaires dans les textes mathématiques chinois anciens. Premières remarques”, in Siegmund Probst, K. Chemla, Agnès Erdély, Antonio Moretto (eds.), *Ceci n'est pas un festschrift pour Imre Toth*, 29-12-1996. Available at the following address: <http://halshs.ccsd.cnrs.fr/halshs-00004274/>

“Etude transversale des pratiques de l'exemple en Chine ancienne”, in K. Chemla (ed.), *La valeur de l'exemple. Perspectives chinoises, Extrême-Orient, Extrême-Occident*, 19, 1997, p. 5-6. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1997_num_19_19_1028.

(with François Martin and Jacqueline Pigeot) “Homo Ludens Extrême-Orientalis”, in K. Chemla, François Martin and Jacqueline Pigeot (eds.), *Du divertissement dans la Chine et le Japon anciens. Homo Ludens Extrême-Orientalis, Extrême-Orient, Extrême-Occident*, 20, 1998, p. 5-8. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1998_num_20_20_1051.

(with Marc Kalinowski) “Présentation: Divination et rationalité en Chine ancienne”, in K. Chemla, M. Kalinowski and Donald Harper (eds.), *Divination et rationalité en Chine ancienne, Extrême-Orient, Extrême-Occident*, 21, *Extrême-Orient, Extrême-Occident*, 21, 1999, p. 5-9. Available at the following address: http://persee.cines.fr/web/revues/home/prescript/article/oroc_0754-5010_1999_num_21_21_1096.

III—2 History of mathematics in the traditions in Greek, Arabic, and Latin, and comparative work

Entries “équation”, “matrice”, “zéro”, in S. Auroux (ed.), *Encyclopédie Philosophique Universelle*, vol. 2, 1990, respectively, in vol. 2.1: p. 817-819 and vol 2.2: p. 1574-1575, p. 2777.

“Algebraic Equations East and West until the Middle Ages”, Preprint handed out for the 7th International Conference on the History of Science in East Asia, Symposium 1, August 1993, Kyoto, 11 p.

III—3 History of mathematics in Europe from the 17th century on

(with Serge Pahaut) “Préhistoires de la dualité: explorations algébriques en trigonométrie sphérique (1753-1825)”, in Roshdi Rashed (ed.), *Sciences à l'époque de la Révolution Française*, Librairie Scientifique et Technique Albert Blanchard, 1988, p. 148-200 + 1 planche.

“Remarques sur les recherches géométriques de Lazare Carnot”, in J.-P. Charnay (ed.), *Lazare Carnot ou le savant-citoyen*, 1990, p. 525-541.

“Le rôle joué par la sphère dans la maturation de l'idée de dualité au début du XIX^e siècle. Les articles de Gergonne entre 1811 et 1827”, *Actes de la Quatrième Université d'Eté d'histoire des mathématiques*, Lille, 1990, Irem de Lille, 1994, p. 57-72.

III—4 For a wider readership

“Les mathématiques chinoises retrouvées”, *Sciences et Avenir*, 459, May 1985, p. 42-49.

Participation in J. Dhombres, A. Dahan, M. Guillemot, C. Houzel, E. Lerest, *Mathématiques au Fil des Ages*, Paris: Gauthier-Villars, 1986 [Méthode de fausse double position, biographies d'auteurs chinois].

“La vulgarisation des mathématiques”, *Préfaces*, 2, 1987, p. 96-97.

(with Dominique Vignaud) “Analyse des articles traitant de mathématiques et parus dans la presse (1986-7)”, Proceedings of the conference *Mathématiques à venir*, 1988, Dunod, p. 394-396.

(with Ilya Prigogine and Serge Pahaut) “Réflexions sur l'histoire de sciences en Chine”, *Chine: entre Ciel et Terre*, Book on the history of science in China, published for the exhibition *7000 years of discoveries in China*, 1988, p. 8-11.

“Lazare Carnot, grand stratège dans la guerre comme dans la science”, *La Recherche*, 210, 1989, p. 666-668.

“Gaspard Monge: la science au service de la Révolution”, *La Recherche*, 216, 1989, p. 1524-5.

“La circulation des sciences dans le Bassin méditerranéen: la question de la traduction”, Interview of R. Rashed, *Préfaces*, 7, 1988, p. 107-110.

“*Extrême-Orient, Extrême-Occident*. Entretien avec François Jullien, rédacteur en chef”, *Préfaces*, 10, 1988, p. 122-124.

“La rivalité franco-allemande en physique (1900-1970)”, Interview of Dominique Pestre, *Préfaces*, 13, 1989, p. 103-107.

Edition of a set of articles on J. Needham for *Préfaces* 15, 1989, p. 96-111, including: G. Blue “Joseph Needham et l'étude de l'histoire chinoise”, K. Chemla “Joseph Needham. Les

apports chinois aux sciences: le grand titrage”, “*Science and Civilisation in China: un projet en voie d’achèvement*”, V. Alleton: “Quel palais de mémoire pour la Chine ?”.

(with Annick Horiuchi) “Bribes d’histoire des mathématiques au Japon”, *Gazette des mathématiciens*, 45, 1990, p. 19-21.

(with Pierre Arnoux) “Systèmes dynamiques et théorie ergodique”, in Amy Dahan, Jean-Luc Chabert and Karine Chemla (eds.), *Chaos et déterminisme*, Points Sciences, Le Seuil, 1992, p. 41-67.

(with Georges Métaillé) Presentation of the activities of the research group “histoire des sciences et des techniques en Chine, en Corée et au Japon”, *Bref état de la sinologie française. A propos de quelques disciplines. Actes de la journée d’études du 16 novembre 1991 organisée par l’Association Française d’Etudes Chinoises*, November 1992, p. 85-90.

“Algorithmes et démonstrations en Chine ancienne”, *CNRS Info*, 371, February 1999, p. 9-10.

(with Serge Pahaut), “Ecritures et relectures mathématiques”, Postface to the translation into French of Marcia Ascher, *Ethnomathematics*, published under the title *Mathématiques d’ailleurs. Nombres, formes et jeux dans les sociétés traditionnelles*, Editions du Seuil, 1998, p. 259-78. (Presentation in *NHCS*, 17, 1999, p. 14).

“Histoire des mathématiques: Quel enjeu pour nos sociétés ?”, *CNRS Info*, May 2000, Spécial année des mathématiques 2000, p. 5-6. Followed by a paper in *Le Monde*.

“La petite perturbation et ses grandes conséquences”, *Bulletin de l’Association des anciens élèves de l’ENS Ulm*, 216, April -May 2000, p. 58-61.

Articles “Needham”, “Chine”, in N. Witkowski (ed.) *Dictionnaire culturel des sciences*, 2001, p. 99, 303.

“Les anciens Chinois avaient-ils découvert que la terre est ronde?”, Reply to a reader’s letter, *La Recherche*, 407, 2007, p. 79.

“Les connaissances élaborées en Chine ont vocation d’universalité”, Interview for *Le Point*, Special issue 13: *Confucius, Lao-tseu, Tchouang-tseu. Les textes fondateurs de la pensée chinoise*, March-April 2007, p. 70-73.

“Il faut sortir d’une vision unique de la science”, Interview of K. Chemla by J.F. Mondot, *Les Cahiers Sciences et vie. Numéro spécial Chine. Les inventions qui ont changé le monde*, n° 113, October-November 2009, p. 22-25.

“Les mathématiques sont le fruit d’un métissage,” *Sciences et Avenir*, n° 777, November 2011, Interview carried out by Khalatbari, Azar and Leglu, Dominique, p. 52—55.

“Montrouge, 1976...”, *L’archicube*, 21, 2016, p. 86-89.

(with Bruno Belhoste) “A friendship with Hilary,” in Roy Cook and Geoffrey Hellman (eds.), *Festschrift for Hilary Putnam*, Forthcoming.

III—5 Reviews

Review of *Les premières théories planétaires chinoises* by Michel Teboul, *Revue d'histoire des sciences*, XLII, 1989, 4, p. 415-416.

Review of *Histoire des mathématiques chinoises* by Jean-Claude Martzloff, *Revue d'histoire des sciences*, XLIII, 1990, 2/3, p. 346-349.

Review of the two books *Histoire des mathématiques chinoises* by Jean-Claude Martzloff and *Chinese Mathematics, a Concise History* by Li Yan and Du Shiran, *British Journal for the History of Science*, 1990, p. 493-495.

Review of *Quand la Chine nous précédait*, by Robert Temple, *Critique*, 507-8, *Chine (1949-1989)*, August-September 1989, p. 715-716.

Review of Michel Serres (ed.), *Eléments d'histoire des sciences*, (Bordas, 1989): *Universalis*, Yearly Volume of the *Encyclopedia Universalis*, 1990, p. 486.

Review of *Histoire des mathématiques chinoises* by Jean-Claude Martzloff, *Archives Internationales d'Histoire des Sciences*, 1991.

Review of *Les méthodes rapides pour la trigonométrie et le rapport précis du cercle (1774)* by C. Jami, *Etudes Chinoises XI*, n° 1, 1992, p. 176-179.

“D'Ouest en Est et retour. Les tribulations d'un biologiste européen en Chine”, Review of J. Needham, *Dialogue des civilisations Chine-Occident. Pour une histoire oecuménique des sciences*, collection of articles edited by G. Métailié, *Alliage*, 16-17, 1993, p. 161-169.

(with Jeanne Peiffer) Review of the 31st conference on the history of mathematics, Oberwolfach, May 10-16, 1992, “Les écoles mathématiques”, *Bulletin de la Société Française d'Histoire des Sciences*, n° 31, 1992, p. 16-18.

Review of *Convolutions in Mathematics, 1800-1840, From the Calculus and Mechanics to Mathematical Analysis and Mathematical Physics*, by I. Grattan-Guinness, Birkhäuser, 1990, *Annals of Science*, 51, 1994, p. 193-5.

Review of *Chinese Thought, Society, and Science. The Intellectual and Social Background of Science and Technology in Pre-modern China*, by Derk Bodde University of Hawaii Press, 1991, 442 p., *Revue de bibliographie sinologique*, X, 1992, p. 319-320.

Review of *The Study of Change. Chemistry in China, 1840-1949*, by James Reardon-Anderson, Cambridge University Press, 1991, 444 p., *Revue de bibliographie sinologique*, X, 1992, p. 347-348.

Review of *Les méthodes rapides pour la trigonométrie et le rapport précis du cercle (1774)*, by C. Jami, *Historia Mathematica*, 21, 1994, 2, p. 220-224.

Review of Elena Ausejo and Mariano Hormigon (eds.), *Messengers of Mathematics: European Journals (1800-1946)*, Siglo XXI de España Editores, SA, 1993, XXIV + 300 p., *Lettre d'information de l'Association HPMP*, 10, 1994.

Essay Review “Des gens, des choses, des événements et des noms. Quelques travaux récents”, Bibliographic note, *Revue de bibliographie sinologique*, XI-XII, (1993-4), p. 421-425.

Review of Hans Lenk and Gregor Paul (eds.), *Epistemological Issues in Classical Chinese Philosophy*, State University of New York Press, 1993, 194 p., *Revue de bibliographie sinologique*, XIII, (1995), p. 433-434.

Review of *Les mathématiques japonaises à l'époque d'Edo: Une étude des travaux de Seki Takakazu (?-1708) et de Takebe Katahiro (1664-1739)*, by Annick Horiuchi, 1994, dans *Isis*, 87, 3, 1996, p. 548-549.

Review of Lin Cheng-hung and Fu Daiwie (eds.), *Philosophy and Conceptual History of Science in Taiwan*, Boston Studies in the Philosophy of Science, Volume 141, Kluwer Academic Publishers, 1993, *Centaurus*, 38, 1996, p. 293-294.

Review of *La mesure de l'état. Administrateurs et géomètres au XVIII^e siècle*, by Eric Brian, Collection "L'évolution de l'humanité", Albin Michel, 1994, *Annals of Science*, 53, 1996, p. 307-308.

Review of G.W. Leibniz, *La caractéristique géométrique*, by J. Echeverria and M. Parmentier), and of *L'estime des apparences*, by M. Parmentier, Vrin, 1995, *Revue de l'Association Henri Poincaré*, Nouvelle série, 3, p. 11-3.

Review of the 8th international conference on the history of science in East Asia, August 26-31, 1996, *Lettre d'information de l'AFEC*, 1996.

Review of Roshdi Rashed (ed.), with the collaboration of Régis Morelon, *Histoire des sciences arabes*, 3 volumes, Editions du Seuil, 1997, *Pour la science*, 247, 1998, p. 112-114. *Universalia* 1999, p. 369-370.

Review of *Un théorème de Fermat et ses lecteurs*, by Catherine Goldstein, Presses Universitaires de Vincennes, 1995, 232 p., *Gazette des mathématiciens*, 79, 1999, p. 124-126.

Review of *Astronomy and mathematics in ancient China: the Zhou bi suan jing*, by Christopher Cullen, Needham Research Institute Studies, 1, Cambridge University Press, 1996, 242 p., *Archives internationales d'histoire des sciences*, 49, 1999, n° 143, p. 425-427.

Review of articles on the history of mathematics in China, in J. Dauben (ed.), and A. Lewis (ed., for the revised edition on CD-ROM), *The History of Mathematics from Antiquity to the Present: A Selective Annotated Bibliography*, in cooperation with the International Commission on the History of Mathematics, American Mathematical Society, 2000.

Review of *Al-Khayyam mathématicien*, by Roshdi Rashed and Bijan Vahabzadeh, *Gazette des mathématiciens*, n° 88, 2001, p. 126-7.

Review of *The Story of Mathematics*, by Richard Mankiewicz, *Nature*, 412, issue n° 6844, 2001, p. 276.

Review of the article Lloyd, G. E. R., "New issues in the history of ancient science", *Apeiron* 37, 2004, p. 9-26, *MathReviews*, MR2138997 (2006f:01003).

Review of *Ancient worlds, modern reflections. Philosophical perspectives on Greek and Chinese science and culture*, by Lloyd, Geoffrey, Oxford: Oxford University Press, 2004, *T'oung pao*, 92, 1-3, 2006, p. 162-166.

Review of Charlotte Furth, Judith T. Zeitlin, and Ping-chen Hsiung (eds.), *Thinking with cases. Specialist knowledge in Chinese cultural history*, University of Hawai'i Press, 2007, *Revue de synthèse*, 6th series, 131, 4, 2010, p. 634-637.

Review of Francesca Bray, Vera Dorofeeva-Lichtmann dans Georges Métaillé (eds.), *Graphics and Texts in the Production of Technical Knowledge in China. The Warp and the Weft*. Brill, 2007, *Etudes chinoises* 29 (2010), p. 478–485 (https://f.hypotheses.org/wp-content/blogs.dir/3633/files/2017/01/CR_XXIX_2010_.pdf).

Essay review of Victor Katz (ed.), *The Mathematics of Egypt, Mesopotamia, China, India, and Islam. A sourcebook*. with contributions by Annette Imhausen, Eleanor Robson, Joseph W. Dauben, Kim Plofker, and J. Lennart Berggren, Princeton University Press, 2007, *Historia Mathematica*, 39, 2012, p. 324-334.

Review of Anne Marie Décaillot, *Cantor et la France. Correspondance du mathématicien allemand avec les Français à la fin du XIXe siècle*, Kimé, 2008, *Historia Mathematica*, 41, 3, 2014, p. 342-344.

Review of Jiri Hudecek, *Reviving Ancient Chinese Mathematics. Mathematics, history and politics in the work of Wu Wen-Tsun*, Routledge, 2014, *Isis* 107, n° 4, (2016), p. 894-896.

III—6 Abstracts published in conference abstract books, and other summaries

“Comparaison de procédures et application à des problèmes de transmission”, XVIIth International Conference on the History of Science, Berkeley, August 1985, livret des abstracts.

“Mathematical objects as cultural objects”, (with S. Pahaut). Conference at Oberwolfach, December 1985, on the relationship between mathematics and arts. Abstract published in *Historia Mathematica*, 13, 1986, p. 291.

Book of abstracts handed out for the conference “Histoire de fractions, fractions d'histoire”, January 30-31, 1987, organized by Paul Benoit, Karine Chemla and Jim Ritter.

“On the Treatment of Duality in Spherical Trigonometry”, Conference on the history of modern mathematics (19th-20th centuries), Vassar College, Poughkeepsie, June 20-24, 1988. Abstract published in *Historia Mathematica*.

“Liu Hui's commentary on the algebraic part of the *Nine Chapters on Mathematical Procedures*”, 5th international conference on the history of science in China, San Diego, 5-10 August 1988, Book of abstracts.

“The Problem of Measuring at a Distance: Some Examples Taken from Chinese History and European History at the Turn of the XVIIIth Century”, abstract 12 de la session R22, in F. Krafft, C. Scriba (eds.), 18th International Congress of History of Science, August 1989. General Theme: Science and Political Order. *Abstracts*.

“Dualité en géométrie au début du XIX^e siècle”, Cambridge, September 13-16, 1989, “From Fourier to Fractals”. Abstract published in *Historia Mathematica*, 17, p. 263-267.

“Chinese Algorithmic Tradition and Liu Hui's Commentary to the *Nine Chapters on Mathematical Procedures*”, 6th International Conference on the History of Science in China, Cambridge, August 1990, Abstracts of Papers, p. 24.

“L'écrit mathématique comme révélateur des pratiques du texte en Chine”, Report of a lecture course given at the EHESS, 1990-1, *Annuaire des Comptes Rendus de Cours et Conférences*, 1990-1, p. 479.

“Les différentes approches historiques des équations et leur synthèse”, Report of a lecture course given at the EHESS, 1991-2, *Annuaire des Résumés de Cours*, p. 545-547.

“Structure of texts and Expression of Mathematical Knowledge in Li Ye's *Ce Yuan Hai Jing*”, Book of abstracts, Second Conference on the history of mathematics in Chinese characters, Inner Mongolia, 25-31 July 1992, p. 16.

“The Treatment by Li Yan of Li Ye's *Ce Yuan Hai Jing*”, Abstract, International Conference in memory of Li Yan and Qian Baocong, Beijing, 20-22 August 1992.

“Comparison of n-th root extraction in Chinese and Arabic Sources”, Book of Abstracts, Conference on the history of science in China, Hangzhou, 25-30 August 1992, p. 2.

“Algorithms in Chinese Mathematics”, in *BSHM Newsletter*, 24, 1993, p. 30

“Algebraic Equations East and West until the Middle Ages”, Abstract, 7th International Conference on the History of Science in East Asia, August 1993, Kyoto, Book of abstracts, p. 28.

(with Liu Dun and Sasaki Chikara) “Mathematics in Asia”, in J. Dhombres, E. Ausejo, M. Hormigon (eds.), *Proceedings of the 19th congress of the History of Science, Book of abstracts and plenary lecturers*, Zaragoza, August 1993, p. 95-100.

“Des mathématiques: Vues de Chine”, in Wolf Lepenies (ed.), Wissenschaftskolleg, Institute for Advanced Study, Berlin, *Jahrbuch 1994-1995*, Nicolaische Verlagsbuchhandlung & Wissenschaftskolleg zu Berlin, 1996, p. 35-9.

Presentation of the conference “History of science, History of text”, organized in Berlin, March 30-April 2, 1995, Wissenschaftskolleg and Einstein Forum, Wolf Lepenies (ed.), Wissenschaftskolleg, Institute for Advanced Study, Berlin, *Jahrbuch 1994-1995*, Nicolaische Verlagsbuchhandlung & Wissenschaftskolleg zu Berlin, 1996, p. 194-9.

“The rule of three between algorithm and proof in Liu Hui's commentary to *The nine chapters on mathematical procedures*”, abstract for the Workshop on the history of science in celebration of Professor Li Di's 40th anniversary of studying in the field of the history of science, Huhhot, September 14-15, 1995.

“New findings on Liu Hui's commentary to the algorithm to compute the area of the circle”, 7th International Conference on the history of science in China, Shenzhen, January 1996.

“Philosophical reflections in Chinese ancient mathematical texts: Liu Hui's reference to the *Yijing*”, VIIIth International Conference on the History of Science in East Asia, 26-31 August 1996, Seoul, Livret des abstracts, p. 12.

“The rivers and the sea. Analysis of the metaphor suggested by Joseph Needham for an international history of science”, Abstract, “Science the Refreshing river”, International Conference on the History of science and civilizations, New Delhi, September 2-4, 1996.

“To prove and not to *prove*... Reflections on Liu Hui's commentary (3rd century) on the Chinese mathematical classic *The nine chapters on mathematical procedures*”, abstract for the meeting organized by Yehuda Elkana, “The Genesis and Development of Eternal Truths”, 4 November 1996, ETH, Zürich.

“Medieval algorithms and their proofs. Some comparisons”, Symposium Orients-Occidents, in Jan Vandermissen (ed.), *XXth International Congress of History of Science, Liège (Belgium), 20-26 July 1997, Book of abstracts—Symposia*, p. 230.

“Les travaux de A.P. Youschkevitch sur l'histoire des mathématiques en Chine”, Symposium en la mémoire de A. P. Youschkevitch, in Jan Vandermissen (ed.), *XXth International Congress of History of Science, Liège (Belgium), 20-26 July 1997, Book of abstracts—Symposia*, p. 210.

“Mutations dans les conceptions du corpus mathématique en Chine suite à l'introduction de sciences venues d'Occident”, respondent to Catherine Jami's lecture. Conference organized by Umberto Bottazzini and Amy Dahan, CIRM, September 22-26, 1997 (Abstracts published in *Publications du Centre international de rencontres mathématiques*. Summaries of the conference, 1997).

“Mathematics as a book”, Conference “Language as an analogy in the natural sciences”, organized by Matthias Dörries, Deutsches Museum, Munich, 21-23 November 1997.

“Various facets of mathematical operations. An outlook based on ancient Chinese sources”, “Modern Mathematical Thought II: Historical and Philosophical Approaches”, A Joint Workshop at the University of Pittsburgh and Carnegie Mellon University, Abstract, April 1998.

“An essay on the ideals and practice of demonstration in Liu Hui's commentary (263 AD) on *The nine chapters on mathematical procedures*”, Abstract for the workshop “QED: Demonstration in historical and cross-cultural context”, organized by L. Daston, Max Planck Institut fuer Wissenschaftsgeschichte, Berlin, 28-30 May 1998.

“History of Mathematics in China: A Factor in World History and a Source for New Questions”, *Abstracts of plenary and invited lectures, International Congress of Mathematicians 1998*, Berlin, 17-27 August 1998, p. 206-7.

“Mutations du texte mathématique en Chine: du discours au texte émaillé de figures”, Abstract for a contribution to the conference “Genèses”, Deuxième congrès international de critique génétique, organized by the research group ITEM (CNRS), September 9-12, 1998, Book of abstracts, p. 56.

“Changes and continuities in the uses of *tu* in Chinese mathematical texts between the 3rd and the 13th century”, Abstract, 9th International Conference on the History of Science in East Asia, 23-27 August 1999, Singapur.

“Démonstrations d'algorithmes en Chine au 3^e siècle de notre ère”, First French-American Congress of Mathematics, SMF-AMS, 17-20 July 2001, Book of abstracts, p. 128.

“Practices of writing, practices of mathematics”, Symposium organized by David Olson, “Cognitive and social dimensions of literacy”, XXVII International Congress of Psychology, Stockholm, 23-28 July 2000, abstract in *International journal of psychology*, 35, 2000 (3-4), p. 387.

“Variété des modes d'utilisation des *tu* dans les textes mathématiques des Song et des Yuan”, Abstract of a communication to the conference “From Image to Action: The Dynamics of Visual Representation in Chinese Intellectual and Religious Culture”, organized in the framework of the “European and North American Exchanges in East Asian Studies”,

Paris, September 3-5, 2001, http://www.efeo.fr/fs_00_actu.htm (under the rubrique “Archives. Colloques et expositions”).

“Mathématiques et administration des finances dans la Chine des Han”, Conference “Mathématiques et Etat”, CIRM, Luminy, organized by T. Archibald and B. Belhoste, 15-19/10/2001.

“Classic and commentary: An outlook based on mathematical sources”, abstract for the conference “Critical Problems in the History of East Asian Science”, organized by KIM Yung Sik, Dibner Institute, 16-18 November 2001

Presentation of the workshop “Histoire et historiographie de la démonstration mathématique”, 17-19 May 2002, organized in the context of the Advanced Study Programme, Maison des Sciences de l’Homme—Columbia University, Reidhall Institute for Scholars, http://www.piea-ipas.msh-paris.fr/IMG/pdf/RAPPORT_groupe_Chemla.pdf

“What was a mathematical problem in ancient China ?”, Abstract, Book of abstracts, 10th international conference on the history of science in East Asia (ICHSEA), Shanghai, August 2002, p. 28.

“Une conception du fondement des mathématiques chez les commentateurs chinois (1^{er} au 13^e siècle) des *Neuf chapitres sur les procédures mathématiques*”, Colloque Fondements des mathématiques, G. Heinzmann and P. Nabonnand, Nancy, September 2002, <http://www.univ-nancy2.fr/ACERHP/colloques/symp02/PreliminaryProgram.htm>

“Interactions mathématiques entre la Chine, l’Inde et le Monde Arabe: quelles perspectives ?”, Text for the meeting “Leçons de l’histoire des Sciences Arabes: Interaction scientifique des cultures”, Tripoli-Beyrouth, 30 October-1 November 2002, Book of summaries, p. 15-19. Published in Equipe d’étude et de recherche sur la tradition scientifique arabe (ed.), *L’histoire des sciences arabes. Interaction scientifique des cultures*, Lebanese Society for the History of Arabic Science, Beyrouth, 2007, p. 64-69. Translated into Arabic in the same volume, p. 80-87 (Arabic page numbers).

“Changing perceptions of the Formation of Canonical Mathematical Texts in History”, Perceptions of antiquity in China’s civilization, Wuerzburg, May 27-29 2004, Abstract volume, p. 24

“Editing the earliest extant mathematical figures from China”, Conference “Diagrams and Images criticism in mathematical textual traditions”, P. D. Napolitani and V. Gavagna, Department of mathematics, Pisa, November 2004, Book of abstracts, p. 21-34. <http://www.brickscommunity.org/news/workshop.html>, www.brickscommunity.org/material/NewChemla.pdf

“Chinese language and science: Historiographical reflections inspired by *Science and civilisation in China, 7.II*”, 13-16 January 2005, Cambridge, UK, <http://www.nri.org.uk/historiography.html>

“How does the *Suanshushu* contribute to our understanding of *The Nine chapters on mathematical procedures* and their Commentaries”, Symposium “Ten Classics of ancient Chinese mathematics”, SC12, 22th International Congress of History of Science, Beijing 24-30 July, 2005, *Book of abstracts*, p. 277. Available online at the following address: <http://2005bj.ihns.ac.cn/pdf/ICHSAabstracts.pdf>.

“How to edit and compare geometrical figures”, The 1st international conference on History of exact sciences along the silk road, Xi’an, July 31-August 3 2005, Book of abstracts, p. 6-7

“What can we learn about commentaries when relying on mathematical texts?”, International Conference on the History of East Asian science, technology and medicine, Munich, 15-20 August 2005, Book of abstracts, p. 76-77.

“Mathematics in ancient China: some key components of world mathematics”, Festival of science, British association for the advancement of science, September 2005, Dublin, *British society for the history of mathematics, Bulletin* 6, 2005, p. 32

Overview of the conference “Writing and rewriting the history of science 1900-2000”, by Karine Chemla and Roshdi Rashed, 5-11 September 2003, website of the Fondation des Treilles, <http://www.les-treilles.com/writing-and-rewriting-the-history-of-science-1900-2000/>.

“Mathematics and culture. An outlook from ancient China”, Abstract for the conference celebrating the 60th anniversary of Jean-Pierre Bourguignon, August 2007, <http://www.ihes.fr/IHES/Scientifique/jpb/resume.html>.

(with Evelyn Fox Keller), Presentation of the conclusions of the conference “Cultures and styles of scientific practice”, Fondation des Treilles, 2008, published on the website of the Fondation des Treilles, <http://www.les-treilles.com/cultures-and-styles-of-scientific-practice/>.

“Writing down texts for algorithms: views from ancient China”, CNRS-NYU Inaugural workshop on early mathematics, 24-25 November 2008, New York, Book of abstracts.

(with MA Biao) “From lists to a table to manage grains: The evidence from the oldest extant Chinese mathematical books”, International Congress for the History of Science and Technology, Budapest, 28 July -2 August 2009, Books of abstracts.

“Does a symbolism require a permanent support of inscription? Reflections based on medieval sources”, Abstract published in the report prepared by S. Maronne, for the Conference “History and philosophy of mathematical notations and symbolism”, organized by K. Chemla, A. Malet (Barcelona) and E. Knobloch (Berlin), 25-31 October 2009. Published on the website of the Mathematisches Forschungsinstitut Oberwolfach. Report on the conference: http://www.mfo.de/occasion/0944a/www_view published in the yearly report: <http://www.mfo.de/scientific-programme/publications/annual-publications/annual-report-2009/view>

“Concepts of practice and culture seen from the perspective of ancient Chinese mathematical sources”, Abstract for the workshop organized by Martina Merz and Christian Greiffenhagen: “Mathematics as Practice and Culture: Interdisciplinary Perspectives on Mathematics”, 27 – 29 May 2010, Bielefeld.

“Pratique de l'histoire et réflexion sur les mathématiques chez les praticiens de la géométrie projective (France, 1800—1840). Practice of history and reflection on mathematics among practitioners of projective geometry (France, 1800—1840)”, Meeting “Écrire l'histoire des espaces géométriques: une approche biographique”, organized by Philippe Nabonnand, Nancy, 27-28 January 2011.

“Texts for tables. A perspective inspired by mathematical manuscripts from early imperial China”, Abstract of the conference and the workshop for the report on the meeting

“Histoire des tables numériques”, Oberwolfach, 27 February—4 March 2011, http://www.mfo.de/occasion/1109b/www_view.

“How tacit is tacit knowledge ? Or: Looking for sources to approach tacit knowledge”, Abstract for the conference “Explicit versus tacit knowledge in mathematics”, organized by J. Peiffer, N. Schappacher, T. Archibald, in Oberwolfach, 8—14 January 2012, published on the website at the following address http://www.mfo.de/occasion/1202/www_view .

(with Evelyn Fox Keller) Presentation of the conclusions of the conference: “Cultures and styles of scientific practice II”. Fondation des Treilles, 2011. Published on the website of the Fondation des Treilles, <http://www.les-treilles.com/cultures-and-styles-of-scientific-practice-2/>.

“Towards a history of the historiography of circulation of knowledge”, European Society for History of Science, Athens, November 1—3, 2012, IASCUD Commission Symposium “Writing Cultural Identity and Trans-Nationality in the History of Science”, <http://5eshs.hpdst.gr/abstracts/460>

Martina Schneider and K. Chemla, “The reception of Wylie’s 1852 *Jottings* in 19th century Europe”, Conference “Writing histories of ancient mathematics – Reflecting on past practices and opening the future, 18th – 21st centuries”, 24-28 October 2016, Abstract published at the following address: <http://sawerc.hypotheses.org/conferences/conference-octobre-2016>.

MIZUNO Hiromi and K. Chemla, “Mikami Yoshio (1875-1950): From the philosophy of mathematics to cultural history of mathematics”, Conference “Writing histories of ancient mathematics – Reflecting on past practices and opening the future, 18th – 21st centuries”, Abstract posted at the following address: <https://f.hypotheses.org/wp-content/blogs.dir/946/files/2016/10/161024-conf-historiographie-prog-avec-abstracts.pdf>.

(with Daniel Morgan) “Should headings of sections in Writings on mathematics 算數書 (before ca. 186 BCE) be interpreted as a curriculum?”, International Congress for the History of Science and Technology, Rio, Brazil, 24-30 July 2017, <https://halshs.archives-ouvertes.fr/halshs-01406453>