CURRICULUM VITÆ
ANTONIS TSOLOMITIS

Personal Information

Antonis Tsolomitis
University of the Aegean
Department of Mathematics
832 00 Karlovassi
Samos, Greece

Tel. : 30 22730 82123
Em@il: atsol@aegean.gr
Web: http://myria.math.aegean.gr/~atsol

Date of birth: 25/6/1967 in Piraeus, Greece.
Married with three children.

Citizenship: Greek.
Greek army service: June 1996–January 1998.

Education

June 1989	Bachelor's Degree in Mathematics (ptyhio), University of Athens (Degree: Excellent, 9.18/10).
June 1996	Doctor of Philosophy Degree (Ph.D.) from the Ohio State University. Title: *Symmetrizations and convolutions of Convex Bodies* under the supervision of Professor V. D. Milman.

Distinctions

1995-1996	Presidential Fellow Department of Mathematics of the Ohio State University, Columbus, Ohio, USA.
11 December 2009	"Excellence in Teaching Award" of the School of Sciences of the University of the Aegean.

Research interests

Convex Geometric Analysis
Functional Analysis: finite dimensional normed spaces (local theory of Banach spaces).
Probabilistic methods and concentration of measure.

Digital Typography; especially multilingual typesetting of scientific texts and accessibility of scentific texts for people with vision diffi‐culties (digital typography of scientific texts in Braille and Nemeth).

Books

1. Real Analysis, with M. Anoussis and V. Felouzis, Samos, Greece 2014.

2. Functional analysis, an introduction, with Y. Eidelman and V.D. Mil‐man. Graduate Studies in Mathematics, no 66, AMS, 2004 .

3. Sets and Numbers, an introduction to Mathematics. Universitext ar. 7, LeaderBooks, Athens 2004.

4. Digital Typography using LaTeX. With A. Syropoulos and N. Sofro‐niou. Springer Profesional Computing, Springer–Verlag, New York Oct. 2002.

Scientific publications
(subj. class. AMS2010 52A21)

1. *Geometry of random sections of isotropic convex bodies*, with A. Giannopoulos and L. Hioni, Bulletin of the HMS, 60 (2016) 20-40.

2. *Remarks on the Rogers–Shephard inequality*, with A. Giannopou‐los and E. Markessinis, Proc. Amer. Math. Soc. 144 (2016), no. 2, 763-773.

3. *Asymptotic shape of the convex hull of isotropic log–concave ran‐dom vectors*, with A. Giannopoulos and L. Hioni, Adv. in Appl. Math. 75 (2016) 116-143.

4. *Geometry of the L_q centroid bodies of an isotropic log–concave measure*, with A. Giannopoulos, P. Stavrakakis and B-H. Vritsiou, Trans. AMS 367 (2015), 4569-4593.

5. *Quermaßintegrals and asymptotic shape of random polytopes in an isotropic convex body*, with N. Dafnis and A. Giannopoulos, Michigan Mathematical Journal, vol. 62, Issue 1, (2013) 59-79.

6. *Asymptotic shape of random a polytope in a convex body*, with N. Dafnis and A. Giannopoulos, J. Funct. Anal. (2009), doi:10.1016/j.jfa.2009.06.27.

7. *Random points in isotropic unconditional convex bodies*, with A. Giannopoulos and M. Hatrtzoulaki, *J*LMS (2005), 72: 779-798.

8. *Asymptotic formulas for the diameter of sections of symmetric convex bodies*, with A. Giannopoulos and V. D. Milman, J. Funct. Anal. 223 (2005) 86-108.

9. *Volume radius of a random polytope in a convex body*, with A. Giannopoulos. Math. Proc. Cambridge Philos. Soc. 134, 2003, no. 1, 13-21.

10. *John's theorem for an arbitrary pair of convex bodies*, with A. Giannopoulos and I. Perissinaki, Geometriæ Dedicata 84, (2001), 63-79.

11. *A note on the M^*-limiting convolution body*, Covnex Geometry, MSRI Publications, Volume 34, 1998.

12. *Convolution bodies and their limiting behavior*, Duke Math. Journal 87 (1997), no. 1, 181-203.

13. *On the convolution body of two convex bodies*, C.R. Seances Acad. Sci. Ser. I 322, 1, (1996) 63-67.

14. *Quantitative Steiner/Schwarz-type symmetrizations*, Geometriæ Dedicata 60: 187-206, 1996.

Scientific publications
(subj. class. AMS2010 68U15)

15. *A direct TeX-to-Braille transcribing method*, with A. Papasalouros, Journal of Science Education for Students with Disabilities, Vol. 20, Iss. 1 (2017).

16. *Serifed Greek type: Is it "Greek"?*, TUGboat, Vol. 38, No. 3, pp. 312-314.

17. *A direct TeX-to-Braille transcribing method*, with A. Papasalouros, ASSETS '15: 17th International ACM SIGACCESS Conference on Computers & Accessibility, October 26-28, 2015, Lisbon, Portugal, ACM 978-1-4503-3400-6/15/10. http://dx.doi.org/10.1145/2700648.2811376

18. *The Kerkis Font Family*, TUGboat, Vol. 23, No. 3/4, 296-301, 2002, (invited paper).

Articles
(subj. class. AMS2010 68U15)

1. *Installation of TrueType fonts in TEX and LATEX*, Το Εύτυπον, 11/12, 1-6, 2004.
2. *Scanning with free software*, with A. Kontogeorgis. Το Εύτυπον, 8, 25-27, 2002.
3. *Installation of new fonts in LATEX2e*, with A. Syropoulos. Το Εύτυπον, 3, 57-68, 2000.
4. *LATEX and TrueType fonts*, with A. Syropoulos. Το Εύτυπον, 2, 17-22, 1999.

Course Notes
(available on my web page)

1. *Convex Geometry.* Convex Geometry is a branch of Mathematics which uses a huge palette of tools from several other Mathematical branches. This makes this part of Mathematics difficult to access at the pre-graduate level. These notes are a very focused effort on to make the subject accessible to undergraduate students of the 3rd and 4th year.
2. Notes on Sequences and Series for Calculus I&II (2012-2017).
3. Notes on Calculus IV: The theorems of Green, Stokes and Gauss. Unified approach of the central theorems of vector analysis based on the fundamental theorem of calculus. (2012)
4. Notes on Measure Theory (including the source code) (2009).
5. Analysis I. Notes on the University of the Aegean course (2003).

Translations of Books in Greek

1. John Hubbart & Barbara Hubbard, *Vector Calculus, Linear Algebra and Differential Forms: A Unified Approach*, Publications of the University of Patras, No. of pages. 936, with V. Metaftsis. Originally published by Matrix Editions.
2. Suzanna Epp, *Discrete Mathematics with Applications*, Klitharithmos Publications, No. of pages. 950, with V. Metaftsis. Translation of the 3rd Edition by Brooks Cole Publications.

Book Digitizations

1. Transcribing of several books and course notes to Nemeth Braille for visually impaired persons.
   http://myria.math.aegean.gr/~atsol/newpage-en/software/braille/
   The list includes

   (a) A standard Braille/Nemeth mathematical symbol dictionary with hundreds of symbols covering the needs of Mathematics and Science in general, from the 1st of primary school, to the undergraduate, postgraduate and research levels. The learner, knowing the meaning s/he wants, finds the right symbol for Nemeth. (translation to English in progress)

   (b) the same dictionary for seeing teachers so they can help their pupils with visual impairment. (translation to English in progress)

   (c) inverse dictionary of mathematical symbols for the trainee knowing the symbol from reading text he can find what it means. This dictionary implements an original sorting method of Braille to make it easy to search for each symbol. (translation to English in progress)

   (d) teachers book for the reverse dictionary. (translation to English in progress)

   (e) Various Braille/Nemeth books licensed by publishers for redistribution in Braille, as well as a variety of course notes that meet the needs of Mathematics and other sciences. This list is continuously enriched as new children with visual impairment enter into different University Departments of the country and the program we developed latex2nemeth (see the software section) allows the seamless study of any science.

   (f) the Odyssey of Homer in which the ability of latex2nemeth is demonstrated to convert correctly and polytonic texts without the errors of older programs (for example lack of breathe marks on alpha). I thank philologist Argyro Raptu for her valuable help in the polytonic Braille system.

   (g) Conversion of the Thyrathen Dictionary of Philosophy of Vlassis Rassias for access to philosophical concepts by visually impaired children. Available from here:
   https://ysee.gr/braille2.html

2. Dimitrios Kappos, Exercises on Calculus, volumes 1 to 4. In cooperation with a group of students (in preparation).

3. The Great Dictionary of the Greek Language, Liddell, Scott, Konstantinidou, in cooperation with A. Papasalouros. The largest and most authoritative dictionary of the Ancient Greek Language. Available on–line at:
http://myria.math.aegean.gr/lds/web/index-en.php

4. Ioannis Vakirtzis, History of Samos, This rare book *was granted for digitization by the Greek State General Archives.*
http://myria.math.aegean.gr/~atsol/newpage-en/digitizations/

5. Epameinondas Stamatiades, Ikariaka. This is a very rare book presenting the history of the island of Ikaria, Greece. *it was granted for digitization by the Greek State General Archives.*
http://myria.math.aegean.gr/~atsol/newpage-en/digitizations/

6. Epameinondas Stamatiades, Samiaka, Folklore. Digitization and index creation.
http://myria.math.aegean.gr/~atsol/newpage-en/digitizations/

7. Epameinondas Stamatiades, Samiaka, Volume A. Digitization and index creation. This is the de facto reference internationally for Historians about Samos, Greece.
http://myria.math.aegean.gr/~atsol/newpage-en/digitizations/

8. Stelios Pihorides, Caluclus (course notes), in cooperation with A. Kontogiorgis and a group of students.
http://myria.math.aegean.gr/~atsol/newpage-en/digitizations/

Software

1. `latex2nemeth` with Andreas Papasalouros.
Conversion program from TeX or its derivatives to Braille with mathematics in Nemeth. Valuable information about Nemeth was provided by Olga Maleza, an educator of visually impaired students. The program which was also presented in the daily press (newspaper Kathimerini 28/2/2015) allows full access to scientific texts written internationally in Donald Knuth's TeX program and its derivatives (LaTeX, xeLaTeX, ConTeX, etc.). Some points to be highlighted are

   (a) supports Mathematics in Nemeth, multiaccented (polytonic) Greek, computer code (in verbatim environment).

(b) supports pictures in PSTRICKS for the production of scientific tactile graphics.

(c) it is provided with a free license (GPL3).
http://latex2nemeth.sourceforge.net/

(d) it has been adopted by all major TeX distributions on Linux, Windows and MacOs.

(e) the support of Mathematics is at the highest level supporting research in Mathematics. The table of symbols is available here:
http://myria.math.aegean.gr/braille/symbols-in-braille.pdf

(f) it is multilingual, since it supports Greek and English and its extension to other languages is done by simply filling in a table of the language's alphabetic symbols.

(g) the conversion from other (editable) formats such as Microsoft Word, is easy since they can be translated to TEX.

2. Development of the new font "Athenais" from an inscribed pedestal on the southern slope of the Acropolis of Athens in honor of the daughter of Herodes Atticus, Athenais. The information on the archaeological site where provided by the Ephorate of Antiquities of Athens. This is an inscribed pedestal, with registration number NK14, by Pentelic marble, welded from five fragments. Founded 1876 in the Asklepieion area, built in foundations of a Christian church. It has a rich nape and base. The upper surface has a recess for inserting a block probably the statue of Markia Athenaida (Marcia Annia Claudia Alccia Athinais Gavidia Latiaria), younger daughter of Herod Atticus. The inscription is dated to the period action of the punished, ie from 145 CE to 156 CE or not later than 160 CE. Photos were provided by members of the High Council of Greek Nationals. It was digitized because of its particular writing. Here is a small sample:

ΕΛΛΗΝΩΝ·ΠΡΟΜΑΧΟΥΝΤΕΣ·ΑΘΗΝΑΙΟΙ
ΜΑΡΑΘΩΝΙ·ΧΡΥΣΟΦΟΡΩΝ·ΜΗΔΩΝ
ΕΣΤΟΡΕΣΑΝ·ΔΥΝΑΜΙΝ

An article has been published in the TEX Users Group Journal here:
https://tug.org/TUGboat/tb38-3/tb120tsolomitis.pdf

3. The Kerkis FontFamily. A Type1 font family based on Bookman & Avant–Garde for full–text multilingual text of the Greek language (monotonic–polytonic). Contains double characters for various Greek letters following a relative survey of Greek Typography of the last centuries (from the 15th onwards), plus characters to cover of the real Greek numerical system after a relative research of the Ancient Greek language before the intervention of the Alexandrian grammarians.

   http://myria.math.aegean.gr/software/kerkis

4. Template files for thesis, talks in conference, letters in LATEX, XeLATEX, and LyX, in support of the Greek Scientific community.
   http://myria.math.aegean.gr/~atsol/newpage/

5. Greek support for TEX distributions (MikTEX and teTEX) for LATEX and the support of the Greek option of the Babel package.

6. Support for TEX for the fonts of the Greek Font Society
   http://www.greekfontsociety-gfs.gr/
   available from
   http://myria.math.aegean.gr/~atsol/newpage-en/software/fonts/index.html
   and any mirror of CTAN.

7. Mail TeX. Application for server: textlatin Mail TEX accepts a TEX or LATEX or AMSLATEX file and returns automatically to the sender a PostScript file suitable for printing or on–line preview. MailTEX is useful for Greeks scientists who do not have easy access to a TEX installation to support the Greek language.

Conferences *Workshop on Convex Geometric Analysis*, a cooperation of the University of the Aegean, University of Crete and the Forth Research Institute, Anogia Academic Village, August 19-23, 2001.

International Conference on TEX*,* XML*, and Digital Typography.* Held jointly with the 25*th Annual Meeting of the TEX Users Group,* TUG 2004, Xanthi, Greece, August/September 2004.

7o Panhellenic conference on Geometry, Karlovassi 26-29/5/2005, Samos, Greece.

Phenomena in high dimensions, Samos, Greece, Third international conference of the European Network PHD Pythagorion Samos 25-29 June, 2007.

3o Conference on Analysis for new scientists, Karlovassi, 16–17 September 2005.

Problems on Analysis, Samos, Greece 26–28 September, 2008.

Dynamics in Samos, 31 August–3 September, 2010.

Academic positions

1989–1992	Graduate Teaching Associate in the Department of Mathematics of the Ohio State University, Columbus, Ohio, USA.
1992–1993	Graduate Teaching Associate in the Department of Mathematics of the Texas A&M University, Texas, USA.
1993–1995	Graduate Teaching Associate in the Department of Mathematics of the Ohio State University, Columbus, Ohio, USA.
1995–1996	Presidential Fellow in the Department of Mathematics of the Ohio State University, Columbus, Ohio, USA.
Feb. 1998– Jan. 1999	Visiting professor (adjunct lecturer) Department of Mathematics university of Crete, Greece.
Jan. 1999–Sep. 2002	Visiting professor (adjunct lecturer) Department of Mathematics, University of the Aegean, Samos, Greece.
Sep. 2002–Jan. 2007	Lecturer, Department of Mathematics, University of the Aegean.
Jan. 2007–2011	Assistant Professor, Department of Mathematics, University of the Aegean.
Jan. 2011–26 Jan. 2017	Associate Professor, Department of Mathematics, University of the Aegean.
27 Jan. 2017–Today	Professor, Department of Mathematics, University of the Aegean.

Administrative positions

2015–2017	Director of the Graduate Studies Program of the Department of Mathematics, University of the Aegean.
2007–2009	Director of the Digital Typography Lab of the Department of Mathematics, University of the Aegean. http://myria.math.aegean.gr/labs/dt/

2006–2009	Member of the Computer Information committee of the University of the Aegean.
2005–2009	Member of the Undergraduate Mathematics Program committe of the Department of Mathematics of the University of the Aegean.
2005–2016	Member of the Computer Information committee of the Department of Mathematics of the University of the Aegean.

Teaching	Teaching in both graduate programs of the Department of Mathematics, University of the Aegean "Studies in Mathematics" and "Mathematical modeling in natural sciences and modern technologies", including Mathematical Analysis, Measure theory, Probability, Stochastic Processes, and Programming languages.
	All levels of undergraduate courses in Ohio State University 1989–1995. Nominated by students for the «Excellence in teaching award» 1995 of Ohio Stare University.
	Calculus and Differential Equations in Texas A&M University, USA.
	All levels of undergraduate courses in the Department of Mathematics, the University of the Aegean.

Σχολεία

Jan. 1996–May 1996	Summer School at MSRI, Mathematical Sciences Research Institute, Berkeley, California, USA.
Jul. 1999	Summer School at the Pacific Institute of Mathematical Sciences, Vancouver, Canada.
Jul. 2008	Probabilistic Methods in Geometry (educational workshop) Będlewo, Poland, July 6–12, 2008
Sep. 2010	Fields Institute thematic program: Asymptotic Geometric Analysis, Toronto, Canada, September 2010.

Conferences & talks

Talks	1.	University of Athens, 1993.
	2.	Conference of the American Mathematical Society, AMS, New York, USA, 1994.

3. University of Crete, July 1995.

4. University of Tel Aviv, Tel Aviv, Israel, August 1995.

5. Case Western University, Cleveland, Ohio, USA, September 1995.

6. Conference: Random methods in Convex Geometry, Mathematical Sciences research Institute (MSRI), Berkeley, California, USA, March 1996.

7. Panhellenic Conference on Mathematical Analysis. University of the Aegean, Karlovassi, Samos, summer 1997.

8. Conference on Convexity, University of Haifa, Israel, March 2000.

9. *Workshop on Convex Geometric Analysis*, Anogeia Academic Village of Crete, August 19–23, 2001.

10. 10th Panhellenic Conference on Mathematical Analysis. National Technical University of Athens, Fall 2004.

11. *The State of Geometry and Functional Analysis.* A conference in honor of Vitali Milman's 70th anniversary. Tel Aviv and the Dead Sea Resort, 24–30 June 2009.

12. (Plenary talk) Harmonic Analysis in Samos. International Conference in Karlovassi, Samos. Fall 2009.

13. Several talks in Ohio State University, the University of Crete and the University of the Aegean.

Conferences

1. Regional conference in University of Missouri at Columbia, Missuri, USA.

2. AMS conference in New York, USA, 1994.

3. Conference on Convexity in the University of Marne la Valleé, Paris, France, 1994.

4. Conference on Convexity in Cortona, University of Florence, Cortona, Italy, 1995.

5. Winter School on Convexity and Local Theory of Banach Spaces, Mathematical Sciences Research Institute (MSRI), Berkeley, California, USA, January–May 1996.

6. Summer School on Convex Geometric Analysis, Pacific Institute of Mathematical Sciences, Vancouver, Canada, July 1999.

7. Conference on convexity, University of Haifa, Israel, March 2000.

8. Conference on convexity, University of Tel Aviv, Israel, March 2000.

9. *Workshop on Convex Geometric Analysis*, Anogeia Academic Village of Crete, August 19-23, 2001.

10. *Banach spaces and Convex Geometric Analysis*, Germany, Kiel, April 2003.

11. *Contemporary Ramifications of Banach Space Theory*, The Hebrew University of Jerusalem–The Institute for advanced Studies, Jerusalem 19-24 June 2005.

12. *Asymptotic Geometric Analysis*, Tel Aviv University, Dead Sea 24-27 Ιουνίου 2005.

13. *Asymptotic Theory of the Geometry of Finite Dimensional Spaces*, Erwin Schrödinger Institute, Vienna 18-27 July, 2005.

14. *Phenomena in high dimensions*, Institute Henri Poincaré, Second international conference of the European Network PHD Paris 7-14 June, 2006.

15. *Phenomena in high dimensions*, Samos, Third international conference of the European Network PHD Pythagorion Samos 25-29 June, 2007.

16. *Phenomena in high dimensions*, Institute Henri Poincaré, Fourth international conference of the European Network PHD Sevilla Spain 16-20 June, 2008.

17. *Conference on Convex and Discrete Geometry* on the occasion of the retirement of Peter M. Gruber, July 13-17, 2009.

18. *Workshop on Convex Geometric Analysis* on the occasion of the retirement of Professor Souzana Papadopoulou, September 10-13, 2012.

19. *Convexity, probability and discrete structures, a geometric view point* Marne-la-Vallée, France, October 26-30, 2015.

20. 16° Panhellenic Conference on Analysis. Karlovassi, Samos, May 25-27, 2018.

References

1. Bianchi G., Gronchi P., *Steiner symmetrals and their distance from a ball*, Israel J. Math. 135, 181–192, 2003. ⟶ 14

2. Giannopoulos A., Hartzoulaki M., *On the volume ratio of two convex bodies*, B. Lond. Math. Soc. 34, 703-707 Part 6 Nov. 2002. ⟶ 10

3. Hartzoulaki M., Paouris G., *Quermassintegrals of a random polytope in a convex body*, Arch. Math. 80 (4), 430-438 Apr. 2003. ⟶ 9

4. B. Klartag and R. Vershynin, *Small ball probability and Dvoretzky Theorem.* ⟶ 8

5. R. Vershynin, *Isoperimetry of waists and local versus global asymptotic convex geometries* (with an appendix by M. Rudelson and R. Vershynin) Duke Math. J. 131, No. 1 (2006), 1-16. ⟶ 8

6. B. Klartag, *Rate of convergence of geometric symmetrization*, Geom. Funct. Anal. Vol. 14 (2004) 1322-1338. ⟶ 14

7. M. Meckes, *Volumes of symmetric random polytopes*, Arch. Math. 82 (2004) 86-96. ⟶ 9

8. R. Vershynin, *John decompositions: selecting a large part*, Israel J. Math. 122 (2001), 253-277.
⟶ 10

9. J. Bastero and M. Romance, *John's Decomposition of the Identity in the Non–Convex Case*, Positivity 6 (2002), no. 1, 1-16. ⟶ 10

10. K. Böröczky, Jr., *The stability of the Rogers–Shephard inequality and of some related inequalities*, Adv. Math 190 (2005), no. 1, 47-76. ⟶ 10

11. R. Vershynin, *Integer cels in convex sets*, Advances in Mathematics, 197 (2005), 248-273. ⟶ 8

12. Y. Gordon, A. E. Litvak, M. Meyer, and A. Pajor, *John's decomposition in the general case and applications*, J. Differential Geom. 68, No. 1 (2004), 99-119. ⟶ 10

13. R. J. Gardner, *Geometric Tomography* (update 2004), Encyclopedia of Mathematics, Vol. 58, Cambridge University Press.
⟶ 11, 12, 13

14. A. E. Litvak, A. Pajor, and N. Tomczak–Jaegermann, *Diameters of Sections and Coverings of Convex Bodies.* ⟶ 8

15. O. Guédon, M. Rudelson, L_p *moments of random vectors via majorizing measures.* ⟶ 7

16. G. Paouris, *Concentration of mass on symmetric convex bodies*, GAFA, Geom. Funct. Anal., Vol. 16 (2006) 1021-1049. ⟶ 7

17. J. Bastero, and M. Romance, *Positions of convex bodies associated to extremal problems and isotropic measures*, Adv. in Math. (2004).
⟶ 10

18. Erwin Lutwak, Deane Yang and Gaoyong Zhang, *Volume Inequalities for Subspaces of L_p*, J. Differential Geom. 68, No. 1 (2004), 159-184.

⟶ 10

19. Peter M. Gruber and Franz E. Schuster, *An arithmetic proof of John's ellipsoid theorem*, Archiv der Mathematik, Vol. 85, No. 1 (2005), 82-88. ⟶ 10

20. Hans-Peter Schröcker, *Minimal Enclosing Hyperbolas of Line Sets*,

⟶ 10

21. N. Dafnis, A. Giannopoulos and O. Guédon, *On the isotropic constant of random polytopes*, Advances in Geometry, 10 (2010), no. 2, 311-322. ⟶ 7, 9

22. R. Adamczak, A.E. Litvak, A. Pajor, N. Tomczak-Jaegermann, *Quantitative estimates of the convergence of the empirical covariance matrix in log-concave Ensambles*, J. Amer. Math. Soc. 23 (2010), no. 2, 535-561. ⟶ 7

23. Bianchi, Gabriele *The covariogram determines three-dimensional convex polytopes.* Adv. Math. 220 (2009), no. 6, 1771-1808. ⟶ 12

24. Bianchi, Gabriele; Gardner, Richard J.; Kiderlen, Markus *Phase retrieval for characteristic functions of convex bodies and reconstruction from covariograms*, J. Amer. Math. Soc. 24 (2011), no. 2, 293-343. ⟶ 12

25. Alonso-Gutiérrez, David; Jiménez, C. Hugo; Villa, Rafael *Brunn-Minkowski and Zhang inequalities for convolution bodies*, Adv. Math. 238 (2013), 50-69. ⟶ 12

26. Alonso-Gutiérrez, David; González, Bernardo; Jiménez, Carlos Hugo *Volume inequalities for the i-th-convolution bodies*, J. Math. Anal. Appl. 424 (2015), no. 1, 385-401. ⟶ 11

27. Li, Ai-Jun; Leng, GangSong *Brascamp-Lieb inequality for positive double John basis and its reverse*, Sci. China Math. 54 (2011), no. 2, 399-410. ⟶ 10

28. Taschuk, Steven *The Banach-Mazur distance to the cube in low dimensions*, Discrete Comput. Geom. 46 (2011), no. 1, 175-183.

⟶ 10

29. Jiménez, C. Hugo; Naszódi, Márton *On the extremal distance between two convex bodies*, Israel J. Math. 183 (2011), 103-115.
⟶ 10

30. Li, Ai–Jun; Wang, Guangting; Leng, Gangsong *An extended Loomis–Whitney inequality for positive double John bases*, Glasg. Math. J. 53 (2011), no. 3, 451-462. ⟶ 10

31. Meyer, Mathieu; Schütt, Carsten; Werner, Elisabeth M. *New affine measures of symmetry for convex bodies*, Adv. Math. 228 (2011), no. 5, 2920-2942. ⟶ 10

32. Gruber, Peter M. *John and Loewner ellipsoids*, Discrete Comput. Geom. 46 (2011), no. 4, 776-788. ⟶ 10

33. Li, Ai–Jun; Leng, Gangsong *Mean width inequalities for isotropic measures*, Math. Z. 270 (2012), no. 3-4, 1089-1110. ⟶ 10

34. Henk, Martin *Löwner–John ellipsoids*, Doc. Math. 2012, Extra volume: Optimization stories, 95-106. ⟶ 10

35. Li, Ai Jun; Leng, Gang Song *Extremal problems related to Gauss–John position*, Acta Math. Sin. (Engl. Ser.) 28 (2012), no. 12, 25272534. ⟶ 10

36. Lasserre, Jean B. *A generalization of Löwner–John's ellipsoid theorem*, Math. Program. 152 (2015), no. 1-2, Ser. A, 559-591. ⟶ 10

37. Li, Ai–Jun *Isomorphic versions of reverse isoperimetric inequalities*, Geom. Dedicata 179 (2015), 139-151. ⟶ 10

38. Cid–Muñoz, Rosa; Pedreira, *Manuel Another classification of incidence scrolls*, Arch. Math. (Basel) 80 (2003), no. 4, 439-448. ⟶ 9

39. Pajor, A.; Pastur, L. *On the limiting empirical measure of eigenvalues of the sum of rank one matrices with log-concave distribution*, Studia Math. 195 (2009), no. 1, 11-29. ⟶ 9

40. Saroglou, Christos *Characterizations of extremals for some functionals on convex bodies*, Canad. J. Math. 62 (2010), no. 6, 1404-1418. ⟶ 9

41. Cordero–Erausquin, Dario; Fradelizi, Matthieu; Paouris, Grigoris; Pivovarov, Peter *Volume of the polar of random sets and shadow systems*, Math. Ann. 362 (2015), no. 3-4, 1305-1325. ⟶ 9

42. Mankiewicz, Piotr; Tomczak–Jaegermann, Nicole *Low dimensional sections versus projections of convex bodies*, Israel J. Math. 153 (2006), 45-60. ⟶ 8

43. Bastero, Jesús *Upper bounds for the volume and diameter of m-dimensional sections of convex bodies*, Proc. Amer. Math. Soc. 135 (2007), no. 6, 1851–1859. ⟶ 8

44. Gordon, Y.; Litvak, A. E.; Mendelson, S.; Pajor, A. *Gaussian averages of interpolated bodies and applications to approximate reconstruction*, J. Approx. Theory 149 (2007), no. 1, 59–73. ⟶ 8

45. Mendelson, Shahar; Pajor, Alain; Tomczak–Jaegermann, Nicole *Reconstruction and subgaussian operators in asymptotic geometric analysis*, Geom. Funct. Anal. 17 (2007), no. 4, 1248–1282. ⟶ 8

46. Brazitikos, Silouanos; Stavrakakis, Pantelis *On the intersection of random rotations of a symmetric convex body*, Math. Proc. Cambridge Philos. Soc. 157 (2014), no. 1, 13–30. ⟶ 8

47. Fresen, Daniel J. *Euclidean arrangements in Banach spaces*, Studia Math. 227 (2015), no. 1, 55–76. ⟶ 8

48. Aubrun, Guillaume *Sampling convex bodies: a random matrix approach*, Proc. Amer. Math. Soc. 135 (2007), no. 5, 1293–1303. ⟶ 7

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