

List of Publications

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- 2017**
- [1] **2017a**. “Divergence and Sufficiency for Convex Optimization”. In: *Entropy* 19.5: *Convex Optimization and Entropy*, Article no. 206. ISSN: 1099-4300. arXiv: [arXiv:1701.01010](https://arxiv.org/abs/1701.01010). URL: <https://doi.org/10.3390/e19050206>.
 - [2] **2017b**. “Entropy on Spin Factors”. arXiv. URL: <http://arxiv.org/abs/1707.03222>. Submitted.
 - [3] **2017c**. “Influence diagrams as convex geometries”. Unpublished. URL: www.harremoes.dk/Peter/FunctionalDAG.pdf.
 - [4] **2017d**. “Maximum entropy and sufficiency”. In: *AIP Conference Proceedings* 1853.1, p. 040001. eprint: <http://aip.scitation.org/doi/pdf/10.1063/1.4985352>. URL: <https://doi.org/10.1063/1.4985352>.
 - [5] **2017e**. “Probability and Information - Occam’s Razor in Action”. Book in preparation.
 - [6] **2017f**. “Quantum Information on Spectral Sets”. In: *2017 IEEE International Symposium on Information Theory*. ISIT2017. (Aachen, Germany), pp. 1549–1553. arXiv: [arXiv:1701.06688](https://arxiv.org/abs/1701.06688). URL: <https://doi.org/10.1109/ISIT.2015.7282553>.
- 2016**
- [7] **Jan. 2016**. “Sufficiency on the Stock Market”. URL: <http://arxiv.org/abs/1601.07593>.
 - [8] **2016** (with O. Johnson and I. Kontoyiannis). “Thinning and Information Projections”. URL: <http://arxiv.org/abs/1601.04255>.
- 2015**
- [9] **2015a**. “Proper Scoring and Sufficiency”. In: *Proceeding of the The Eighth Workshop on Information Theoretic Methods in Science and Engineering*. Ed. by Jorma Rissanen et al. Series of Publications B Report B-2015-1. An appendix with proofs only exists in the arXiv version of the paper. University of Helsinki, Department of Computer Science, pp. 19–22. URL: <http://arxiv.org/abs/1507.07089>.
 - [10] **2015b**. “Lattices with non-Shannon inequalities”. In: *IEEE International Symposium on Information Theory, ISIT 2015, Hong Kong, China, June 14-19, 2015*. IEEE, pp. 740–744. ISBN: 9781467377041. DOI: [10.1109/ISIT.2015.7282553](https://doi.org/10.1109/ISIT.2015.7282553). URL: <http://arxiv.org/abs/1502.04336>.
- 2014**
- [11] **June 2014** (with D. Berend and A. Kontorovich). “Minimum KL-Divergence on Complements of L_1 Balls”. In: *IEEE Trans Inform. Theory* 60.6,

- pp. 3172–3177. DOI: [10.1109/TIT.2014.2301446](https://doi.org/10.1109/TIT.2014.2301446). URL: <http://arxiv.org/abs/1206.6544>.
- [12] **July 2014** (with T. van Erven). “Rényi Divergence and Kullback-Leibler Divergence”. In: *IEEE Trans Inform. Theory* 60.7, pp. 3797–3820. DOI: [10.1109/TIT.2014.2320500](https://doi.org/10.1109/TIT.2014.2320500). URL: <http://arxiv.org/pdf/1206.2459v1.pdf>.
- [13] **June 2014**. “Mutual information of Contingency Tables and Related Inequalities”. In: *Proceedings ISIT 2014*. IEEE, pp. 2474–2478. URL: <http://arxiv.org/abs/1402.0092>.
- 2013 [14] **July 2013**. “Extendable MDL”. In: *International Symposium on Information Theory*. IEEE. Boston, pp. 1516–1520. URL: <http://arxiv.org/abs/1301.6465>.
- 2012 [15] **2012a** (with L. Györfi and G. Tusnády). “Gaussian Approximation of Large Deviation Probabilities”. Unpublished.
- [16] **May 2012** (with L. Györfi and T. Tusnády). “Some Refinements of Large Deviation Tail Probabilities”. Submitted. URL: <http://arxiv.org/pdf/1205.1005v1.pdf>.
- [17] **July 2012** (with G. Tusnády). “Information Divergence is more χ^2 -distributed than the χ^2 -statistic”. In: *International Symposium on Information Theory (ISIT 2012)*. IEEE. Cambridge, Massachusetts, USA, pp. 538–543. URL: <http://arxiv.org/abs/1202.1125>.
- 2011 [18] **Feb. 2011**. “Is Zero a Natural Number?” Draft. URL: <http://arxiv.org/abs/1102.0418>.
- [19] **June 2011** (with I. Vajda). “On Pairs of f -divergences and their Joint Range”. In: *IEEE Trans. Inform. Theory* 57.6, pp. 3220–3225. URL: www.harremoes.dk/Peter/fdivieetrans.pdf.
- [20] **2011b** (with Igor Vajda). “On Bahadur Efficiency of Power Divergence Statistics”. Submitted. URL: <http://arxiv.org/abs/1002.1493>.
- [21] **2011a** (with C. Vignat). “Lower bounds on Information Divergence”. Unpublished. URL: <http://arxiv.org/abs/1102.2536>.
- [22] **2011b** (with C. Vignat). “Rényi Entropies of Marginal Distributions”. In prep. URL: www.harremoes.dk/Peter/Else.pdf.
- [23] **2011b**. “Functional Dependences and Bayesian Networks”. In: *Proceedings WITMSE 2011*. Ed. by Jorma Rissanen, Petri Myllymäki, Ioan Tabus Teemu Roos, and Kenji Yamanishi. Series of Publications C Report C-2011-45. Dept. Comp. Science, Univ. Helsinki, pp. 35–38. URL: <http://www.helsinki.fi/witmse2011/witmse2011-proceedings.pdf>.
- 2010 [24] **2010** (with S. K. Bar-Lev, D. Bshouty and P. Grünwald). “Jeffreys vs. Shtarkov Distributions Associated with some Natural Exponential Families”. In: *Statistical Methodology* 7, pp. 638–643. DOI: [10.1016/j.stamet.2010.06.001](https://doi.org/10.1016/j.stamet.2010.06.001). URL: www.harremoes.dk/Peter/STAMET264.pdf.
- [25] **June 2010** (with T. van Erven). “Rényi Divergence and Majorization”. In: *Proceedings ISIT 2010*. IEEE, pp. 1335–1339. URL: <http://arxiv.org/abs/1001.4448>.

- [26] **Jan. 2010**. “Information Theory for Angular Data”. In: *Proceedings Information Theory Workshop, Cairo*. IEEE, pp. 181–185. URL: www.harremoes.dk/Peter/1569245443.pdf.
- [27] **Sept. 2010** (with O. Johnson and I. Kontoyiannis). “Thinning, Entropy and the Law of Thin Numbers”. In: *IEEE Trans. Inform Theory* 56.9, pp. 4228–4244. DOI: [10.1109/TIT.2010.2053893](https://doi.org/10.1109/TIT.2010.2053893). URL: <http://arxiv.org/abs/0906.0690>.
- [28] **June 2010** (with I. Vajda). “Joint Range of f -divergences”. In: *Proceedings ISIT 2010*. IEEE, pp. 1340–1344. URL: <http://arxiv.org/abs/1001.4432>.
- 2009 [29] **May 2009** (with J. Briët). “Properties of Classical and Quantum Jensen-Shannon Divergence”. In: *Physical Review A* 79.5, 052311 (11 pages). DOI: [10.1103/PhysRevA.79.052311](https://doi.org/10.1103/PhysRevA.79.052311). URL: <http://arxiv.org/abs/0806.4472>.
- [30] **May 2009** (with L. Demetrius and S. Legendre). “Evolutionary Entropy: A Predictor of Body Mass, Metabolic Rate and Maximal Life Span”. In: *Bulletin of Mathematical Biology* 71.4. Online first. Article 18, pp. 800–818. DOI: [10.111538-008-9382-6](https://doi.org/10.111538-008-9382-6). URL: www.harremoes.dk/Peter/Evolutionary.pdf.
- [31] **June 2009** (with P. Grünwald). “Finiteness of Redundancy, Regret, Shtarkov Sums, and Jeffreys Integrals in Exponential Families”. In: *Proceedings for the International Symposium for Information Theory, Seoul, 2009*. IEEE, pp. 714–718. URL: www.harremoes.dk/Peter/subm2009f.pdf.
- [32] **2009b** (with P. Grünwald). “Regret and Jeffreys Integrals in Exp. Families”. In: *thirtieth Symposium in Information Theory in the Benelux*. Ed. by T. Tjalkens and F. Willems. Werkgemeenschap voor Informatie- en Communicatietheorie. Eindhoven, p. 143. URL: <http://arxiv.org/abs/0903.5399>.
- [33] **2009a**. “Entropy - New Editor-in-Chief and Outlook”. In: *Entropy* 11.11, pp. 1–3. DOI: [10.3390/e11010001](https://doi.org/10.3390/e11010001). URL: www.mdpi.com/1099-4300/11/1/1.
- [34] **2009b**. “Maximum Entropy on Compact groups”. In: *Entropy* 11.2, pp. 222–237. DOI: [10.3390/e11020222](https://doi.org/10.3390/e11020222). URL: mdpi.com/1099-4300/11/2/222.
- [35] **2009c**. “Testing Goodness-of-Fit via Rate Distortion”. In: *Information Theory Workshop, Volos, Greece, 2009*. IEEE, pp. 17–21. URL: <http://arxiv.org/abs/0903.5426>.
- [36] **2009** (with K. K. Holst). “Convergence of Markov Chains in Information Divergence”. In: *Journal of Theoretical Probability* 22, pp. 186–202. DOI: [10.1007/s10959-007-0133-7](https://doi.org/10.1007/s10959-007-0133-7). URL: www.springerlink.com/content/k64ux55205%7C170k1/fulltext.pdf.
- [37] **July 2009**. “Dutch Books and Combinatorial Games”. In: *Proceedings of the Sixth International Symposium on Imprecise Probability: Theory and Applications*. Ed. by T. Augustin, F. Coolen, S. Moral, and M. Troffaes. SIPTA. Durham, United Kingdom, pp. 229–238. URL: <http://arxiv.org/abs/0903.5429>.

- [38] **Dec. 2009**. “Joint Range of Rényi Entropies”. In: *Kybernetika* 45.6, pp. 901–911. URL: <http://arxiv.org/abs/0904.2477>.
- 2008 [39] **Nov. 2008**. “Some New Maximal Inequalities”. In: *Stat. Probab. Letters* 78.16, pp. 2776–2780. DOI: [10.1016/j.spl.2008.03.028](https://doi.org/10.1016/j.spl.2008.03.028). URL: www.harremoes.dk/Peter/sarticlef.pdf.
- [40] **July 2008** (with O. Johnson and I. Kontoyiannis). “Thinning and Information Projection”. In: *International Symposium on Information Theory*. IEEE, pp. 2644–2648. URL: www.harremoes.dk/Peter/ThinISIT08final.pdf.
- [41] **2008** (with F. Topsøe). “The Quantitative Theory of Information”. In: *Handbook of Philosophy of Information*. Ed. by J. van Benthem and P. Adriaans. Vol. 8. Handbook of the Philosophy of Science. Elsevier. Chap. Part C, pp. 171–216. ISBN: 044451726X. URL: www.harremoes.dk/Peter/Volume8.ps.gz.
- [42] **Mar. 2008** (with I. Vajda). *Consistence of various ϕ -divergence Statistics*. Research Report ÚTIA AV ČR 2218. Praha: Institute of Information Theory and Automation. URL: www.harremoes.dk/Peter/Consis.pdf.
- [43] **Jan. 2008** (with I. Vajda). “On the Bahadur-Efficient Testing of Uniformity by means of the Entropy”. In: *IEEE Trans. Inform Theory* 54.1, pp. 321–331. DOI: [10.1109/TIT.2007.911155](https://doi.org/10.1109/TIT.2007.911155). URL: www.harremoes.dk/Peter/Bahadur08.pdf.
- [44] **July 2008** (with I. Vajda). “Efficiency of Entropy Testing”. In: *International Symposium on Information Theory*. IEEE, pp. 2639–2643. URL: www.harremoes.dk/Peter/BahadurISIT08final.pdf.
- [45] **July 2008** (with P. Jizba). “On the role of information theoretic uncertainty relations in quantum physics”. In: *International Conference in Statistical Physics, Abstract and Author Index*. Ed. by G. Kaniadakis and A. M. Scarfone, p. 52.
- 2007 [46] **2007** (with O. Glonti, Z. Khechinashili and F. Topsøe). “Nash Equilibrium in a Game of Calibration”. In: *Theory of Probability and its Applications* 51.3, pp. 415–426. URL: <http://link.aip.org/link/?TPR/51/415/1>.
- [47] **2007a**. “Information Topologies with Applications”. In: *Entropy, Search, Complexity*. Ed. by I. Csiszár, Gyula O. H Katona, and Gábot Tardos. Vol. 16. Bolyai Society Mathematical Studies. János Bolyai Mathematical Society and Springer-Verlag, pp. 113–150. URL: www.harremoes.dk/Peter/inftopfi.pdf.
- [48] **Dec. 2007**. “Projections Maximizing Tsallis Entropy”. In: *Complexity, Metastability, and Nonextensivity: An Interactive Conference, Catania, Italy, 1-5 July 2007*. Ed. by A. Rapisarda et al. Vol. 965. Mathematical and Statistical Physics. American Institute of Physics, pp. 90–95. URL: <http://proceedings.aip.org/proceedings/confproceed/965.jsp>.
- [49] **June 2007** (with O. Johnson and I. Kontoyiannis). “Thinning and the Law of Small Numbers”. In: *Proceedings International Symposium on Information Theory 2007, Nice*. IEEE Information Theory Society, pp. 1491–1495. URL: www.harremoes.dk/Peter/Isit2thin.pdf.

- [50] **June 2007** (with N. Tishby). “The Information Bottleneck Revisited or How to Choose a Good Distortion Measure”. In: *Proceedings ISIT 2007, Nice*. IEEE Information Theory Society, pp. 566–571. URL: www.harremoes.dk/Peter/flaske2.pdf.
- [51] **June 2007** (with I. Vajda). “Entropy Testing is Efficient”. In: *Proceedings ISIT 2007, Nice*. IEEE Information Theory Society, pp. 1841–1846. URL: www.harremoes.dk/Peter/BahadurISITnew1.pdf.
- 2006 [52] **2006** (with O. Glonti, Z. Khechinashvili and F. Topsøe). “Nash equilibrium in a game of calibration”. In: *Teoriya Veroyatnostei i ee Primeneniya* 51.3, pp. 537–551. URL: www.harremoes.dk/Peter/finanssubmit.pdf.
- [53] **June 2006**. “Interpretations of Rényi Entropies and Divergences”. In: *Physica A: Statistical Mechanics and its Applications* 365.1, pp. 57–62. URL: <http://arxiv.org/abs/math-ph/0510002>.
- [54] **Sept. 2006**. “Maximum Entropy on Compact Groups”. In: *Proceedings of International Symposium on Information Theory*. IEEE, Seattle, USA, pp. 108–112. URL: www.harremoes.dk/Peter/compgro.pdf.
- [55] **Aug. 2006**. “Thinning and the Law of Small Numbers”. In: *Proceedings Prague Stochastics*. Prague, pp. 388–395. URL: www.harremoes.dk/Peter/ThinPrague.pdf.
- [56] **Sept. 2006** (with C. Vignat). “Rényi Entropy of Projections”. In: *Proceedings of 2006 IEEE International Symposium on Information Theory*. IEEE, Seattle, USA, pp. 1827–1830. URL: www.harremoes.dk/Peter/alf2.pdf.
- [57] **Feb. 2006**. “Directed Information and Conditional Mutual Information”. In: *ITA’s inaugural workshop*. UCSD, San Diego. URL: <http://ita.ucsd.edu/workshop/06/talks/papers/71.pdf>.
- [58] **2006e**. “Lower Bounds for Divergence in the Central Limit Theorem”. In: *General Theory of Information Transfer and Combinatorics*. Ed. by R. Ahlswede et al. Vol. 4123. Lecture Notes in Computer Science. Berlin Heidelberg: Springer-Verlag, pp. 578–594. URL: www.harremoes.dk/Peter/ratesub.pdf.
- 2005 [59] **Aug. 2005**. “Lower Bounds on Divergence in Central Limit Theorem”. In: *Electronic Notes in Discrete Mathematics* 21, pp. 309–313. URL: www.harremoes.dk/Peter/ENDMclt.pdf.
- [60] **Sept. 2005**. “Martingales and Information Divergence”. In: *Proceedings of 2005 IEEE International Symposium on Information Theory*. IEEE, Adelaide, Australia, pp. 164–168. URL: www.harremoes.dk/Peter/martingale.pdf.
- [61] **28. Aug. - 1. Sept. 2005**. “Maximum Entropy and the Edgeworth Expansion”. In: *Proceedings Information Theory Workshop*. IEEE, Roturoa, New Zealand, pp. 68–71. URL: www.harremoes.dk/Peter/RateNew.pdf.
- [62] **Aug. 2005** (with F. Topsøe). “Zipf’s law, hyperbolic distributions and entropy loss”. In: *Electronic Notes in Discrete Mathematics* 21, pp. 315–318. URL: <http://www1.elsevier.com/gej-ng/31/29/24/show/Products/notes/contents.htm>.

- [63] **Feb. 2005** (with I. Kontoyiannis and O. Johnson). “Entropy and the Law of Small Numbers”. In: *IEEE Trans. Inform. Theory* 51.2, pp. 466–472. URL: <http://arxiv.org/abs/math/0211020>.
- 2004 [64] **Oct. 2004**. “A New Look on Majorization”. In: *Proceedings ISITA 2004*. Parma, Italy, pp. 1422–1425. URL: www.harremoës.dk/Peter/majoriza.pdf.
- [65] **June 2004**. “The Weak Information Projection”. In: *Proceedings 2004 IEEE International Symposium on Information Theory*. IEEE. Chicago, p. 28. URL: www.harremoës.dk/Peter/harremoës.pdf.
- [66] **Sept. 2004** (with P. Ruzankin). “Rate of Convergence to Poisson Law in Terms of Information Divergence”. In: *IEEE Trans. Inform Theory* 50.9, pp. 2145–2149. URL: www.harremoës.dk/Peter/rcplid4.pdf.
- [67] **Mar. 2004** (with C. Vignat). “A Nash Equilibrium related to the Poisson Channel”. In: *Communications in Information and Systems* 3.3, pp. 183–190. URL: www.harremoës.dk/Peter/game.pdf.
- [68] **2004b** (with C. Vignat). “A short information theoretic proof of CLT”. In preparation.
- 2003 [69] **2003a** (with A. Fedotov and F. Topsøe). “Best Pinsker Bound equals Taylor Polynomial of Degree 49”. In: *Computational Technologies* 8.5, pp. 3–14. URL: www.harremoës.dk/Peter/fed_n.pdf.
- [70] **June 2003** (with A. Fedotov and F. Topsøe). “Refinements of Pinsker’s Inequality”. In: *IEEE Trans. Inform. Theory* 49.6, pp. 1491–1498. URL: www.harremoës.dk/Peter/pinfinal.pdf.
- [71] **Feb. 2003**. *Convergence to the Poisson Distribution in Information Divergence*. Preprint 2. Mathematical department, University of Copenhagen. URL: www.harremoës.dk/Peter/poisprep.pdf.
- [72] **18-22. August 2003**. “Lower bound on rate of convergence in information theoretic Central Limit Theorem”. In: *Book of Abstracts for the Seventh International Symposium on Orthogonal Polynomials, Special functions and Applications*. Copenhagen, pp. 53–54. URL: www.harremoës.dk/Peter/ortogonal.pdf.
- [73] **2003** (with C. Vignat). “An Entropy Power Inequality for the Binomial Family”. In: *J. Ineq. Pure and Appl. Math.* 4.5, Article 93. URL: www.harremoës.dk/Peter/epi.pdf.
- [74] **June 2003** (with I. Kontoyiannis). “Entropy and the Law of Small Numbers”. In: *Proceedings 2003 IEEE International Symposium on Information Theory*. IEEE. Yokohama, p. 24. URL: www.harremoës.dk/Peter/camerar.pdf.
- 2002 [75] **Oct. 2002**. “An Interpretation of Squared Skewness minus Excess Kurtosis”. Unpublished.
- [76] **June 2002**. “The Information Topology”. In: *Proceedings IEEE International Symposium on Information Theory*. IEEE. Lausanne, p. 431. DOI: [10.1109/ISIT.2002.1023703](https://doi.org/10.1109/ISIT.2002.1023703). URL: www.harremoës.dk/Peter/isit70.pdf.

- [77] **Aug. 2002**. “Topologies associated with Information Divergence”. In: *Book of Abstracts, 24th European Meeting of Statisticians*. Prague, p. 216. URL: www.harremoës.dk/Peter/prag.pdf.
- [78] **June 2002** (with F. Topsøe). “Unified Approach to Optimisation Techniques in Shannon Theory”. In: *Proceedings of the IEEE International Symposium on Information Theory*. IEEE. Lausanne, p. 238. URL: www.harremoës.dk/Peter/isit158.pdf.
- [79] **June 2002** (with F. Topsøe). “Zipf’s law, hyperbolic distributions and entropy loss”. In: *Proceedings of the IEEE International Symposium on Information Theory*. IEEE. Lausanne, p. 207. URL: www.math.ku.dk/~topsoe/ISIT2002procZipf.pdf.
- 2001 [80] **June 2001** (with A. Fedotov and F. Topsøe). “Vajda’s Tight Lower Bound and Refinements of Pinsker’s Inequality”. In: *Proceedings 2001 IEEE International Symposium on Information Theory*. IEEE. Washington, p. 20. URL: www.harremoës.dk/Peter/240.pdf.
- [81] **July 2001**. “Binomial and Poisson Distributions as Maximum Entropy Distributions”. In: *IEEE Trans. Inform. Theory* 47.5, pp. 2039–2041. URL: www.harremoës.dk/Peter/poisson.pdf.
- [82] **Sept. 2001**. “Convergence to Poisson Distribution”. In: *Proceedings of conference in Computer Science and Information Technologies*. Yerevan, Armenia, pp. 224–228. URL: www.harremoës.dk/Peter/csit.pdf.
- [83] **2001c**. “Epic på Grandes Jorasses”. In: *Fra Drøm til Virkelighed, Dansk Bjerghklubs Jubelænsantologi*. Ed. by Søren Smidt. Dansk Bjerghklub, pp. 62–67.
- [84] **June 2001**. “Poisson’s Law and Information Theory”. In: *Proceedings 2001 IEEE International Symposium on Information Theory*. IEEE. Washington, p. 46. URL: www.harremoës.dk/Peter/381.pdf.
- [85] **Aug. 2001**. “Talpar med given afstand i Eulers restmængder”. In: *LMFK-bladet* 23.8. URL: www.harremoës.dk/Peter/Talpar.doc.
- [86] **Aug. 2001**. “Tilbageregning og typeteori”. In: *LMFK-bladet* 23.8. URL: www.harremoës.dk/Peter/typeteo.pdf.
- [87] **Nov. 2001** (with F. Topsøe). “Inequalities between Entropy and Index of Coincidence derived from Information Diagrams”. In: *IEEE Trans. Inform. Theory* 47.7, pp. 2944–2960. URL: www.math.ku.dk/~topsoe/Inf.Diagrams.pdf.
- [88] **June 2001** (with F. Topsøe). “Information Diagrams: Entropy, Index of Coincidence and Probability of Error”. In: *Proceedings IEEE International Symposium on Information Theory*. IEEE. Washington, p. 43. URL: www.math.ku.dk/~topsoe/ISIT2001.Diagrams.pdf.
- [89] **Sept. 2001** (with F. Topsøe). “Maximum Entropy Fundamentals”. In: *Entropy* 3.3, pp. 191–226. URL: www.unibas.ch/mdpi/entropy/papers/e3030191.pdf.
- [90] **Dec. 2001** (with I. Kontoyiannis). *Entropy and the Law of Small Numbers*. Tech. Rapport. Brown University. URL: www.dam.brown.edu/people/yiannis/PAPERS/poisson.pdf.
- 2000 [91] **May 2000**. “Talnotation”. In: *LMFK-bladet* 22.5. URL: www.harremoës.dk.

- [dk/Peter/talnot.pdf](#).
- [92] **2000** (with T. Johansen). *Klippeklatring*. 2nd edition. ISBN 87-987696-2-6. København: Dansk Bjergklub.
- 1997** [93] **1997** (with O. Brudsøe). *Klatrevægsklatring*. 2nd edition. København: Dansk Bjergklub og Dansk Sportsklatreforbund. ISBN: 8798505866.
- [94] **1997**. *Instruktørens Håndbog*. København: Dansk Bjergklub og Dansk Sportsklatreforbund. ISBN: 8798505858.
- 1996** [95] **1996** (with O. Brudsøe). *Klatrevægsklatring*. 1st edition. København: Dansk Bjergklub og Dansk Sportsklatreforbund.
- 1995** [96] **1995** (with Jakob Barfod). *50 udvalgte Ruter På Bornholm*. ISBN 87-985058-1-5. København: Dansk Bjergklub.
- [97] **1995**. *Klatring på Kullen*. København: Dansk Bjergklub. ISBN: 87-5058-0-7.
- [98] **1995** (with O. Brudsøe). *Klippeklatring*. 1st edition. København: Dansk Bjergklub. ISBN: 8798505823.
- 1993** [99] **1993**. *Time and Conditional Independence*. Vol. 255. IMFUFA-tekst. Original in Danish entitled Tid og Betinget Uafhængighed. English translation partially available. IMFUFA Roskilde University.
- 1989** [100] **Jan. 1989**. “Minimumdiscriminationinformationsprincippet”. MA thesis. Univ. Copenhagen: Math. Dept.