

List of Publications

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List of Publications

- [1] **July 2012** (with G. Tusnády): Information divergence is more χ^2 -distributed than the χ^2 -statistic. In: *2012 IEEE International Symposium on Information Theory (ISIT'2012)*. Cambridge, Massachusetts, USA. <http://arxiv.org/abs/1202.1125> [Submitted]. [2012]
- [2] **Feb. 2011a**: Is zero a natural number? <http://arxiv.org/abs/1102.0418>. [2011]
- [3] **2011b** (with C. Vignat): Lower bounds on information divergence. <http://arxiv.org/abs/1102.2536>.
- [4] **2011c** (with Igor Vajda): On Bahadur efficiency of power divergence statistics. Submitted, <http://arxiv.org/abs/1002.1493>.
- [5] **June 2011d** (with I. Vajda): On pairs of f -divergences and their joint range. In: *IEEE Trans. Inform. Theory* 6, No. 6, pp. 3220–3225. <http://www.harremoes.dk/Peter/fdivieeetrans.pdf>.
- [6] **2011e**: Probability and information - Occam's razor in action. In preparation.
- [7] **2011f** (with C. Vignat): Rényi entropies of marginal distributions. In prep., <http://www.harremoes.dk/Peter/Else.pdf>.
- [8] **Jan. 2010a**: Information theory for angular data. In: *Proceedings Information Theory Workshop, Cairo*. IEEE, pp. 181–185. <http://www.harremoes.dk/Peter/1569245443.pdf>. [2010]
- [9] **2010b** (with S. K. Bar-Lev, D. Bshouny and P. Grünwald): Jeffreys vs. Shtarkov distributions associated with some natural exponential families. In: *Statistical Methodology* 7, pp. 638–643. <http://www.harremoes.dk/Peter/STAMET264.pdf>.
- [10] **June 2010c** (with I. Vajda): Joint range of f -divergences. In: *Proceedings ISIT 2010*. IEEE, pp. 1340–1344. <http://arxiv.org/abs/1001.4432>.

- [11] **June 2010d** (with T. van Erven): Rényi divergence and majorization. In: *Proceedings ISIT 2010*. IEEE, pp. 1335–1339. <http://arxiv.org/abs/1001.4448>.
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- [14] **July 2009b**: Dutch books and combinatorial games. In: Augustin, T./Coolen, F./Moral, S./Troffaes, M. (eds.): *Proceedings of the Sixth International Symposium on Imprecise Probability: Theory and Applications*. SIPTA, Durham, United Kingdom, pp. 229–238. <http://arxiv.org/abs/0903.5429>.
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- [16] **May 2009d** (with L. Demetrius and S. Legendre): Evolutionary entropy: A predictor of body mass, metabolic rate and maximal life span. In: *Bulletin of Mathematical Biology* 4, No. 4, pp. 800–818. <http://www.harremoes.dk/Peter/Evolutionary.pdf> [Online first. Article 18].
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- [20] **May 2009h** (with J. Briët): Properties of classical and quantum Jensen-Shannon divergence. In: *Physical review A* 5, No. 5, p. 052311 (11 pages). <http://arxiv.org/abs/0806.4472>.
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