GÁBOR J. SZÉKELY

Selected Publications

BOOKS

3. Paradosky v teorii veroyatnostei i matematicheskoi statistike (with a Preface by V. V. Sazanov and V.V. Ulyanov), Mir, Moscow, 1990, 240 pp.

BOOK TRANSLATION


120. Schur properties of convolutions of gamma random variables (with Roosta, F.), Metrika, 78/8, 997-1014, 2015


111. A test of independence in two-way contingency tables based on maximal correlation.

110. DISCO analysis: A nonparametric extension of analysis of variance (with M. Rizzo)

Vol. 3, No. 4, 1236-1265.

108. Rejoinder: Brownian distance covariance (with M. Rizzo) 2009, Annals of

107. Measuring and testing dependence by correlation of distances (with M. Rizzo and

106. The uncertainty principle of game theory (with M. Rizzo), The American Math.

105. Characterizations with zero covariances (with E. Seneta), J. Australian Math. Soc.,

104. A multivariate nonparametric test of independence (with N. Bakirov and M. Rizzo),


102. Students’ t-test for Gaussian scale mixtures (with N.K. Bakirov) Zapiski Nauchnyh
Seminarov POMI, 328, Probability and Statistics. Part 9 (editor V.N.Sudakov)
5-20, 2006 [English translation to appear in the “Journal of Mathematical Sciences”]

101. Student’s t-test for scale mixtures, Vol of the 2nd Lehmann Symposium,


99. Hierarchical clustering via joint between-within distances: extending Ward’s
minimum variance method (with M. Rizzo), Journal of Classification 22 / 2, 151-183, 2005.


60. On the extrema of the expected values of functions of independent identically distributed random variables (with D.Bshouty, W. Hengartner, V.K. Rohatgi), Ulam Quaterly, 2/1, 1993, 1-10.


45. When is a weighted average of ordered sample elements a maximum likelihood estimator of the location parameter? (with Z. Buczolich), Advances in Applied Mathematics 10, 1989, 439-456.

44. Sharp inequalities between skewness and kurtosis (with V. K. Rohatgi), Statist. and Probability Letters 8, 1989, 297-299.


42. A characterization of uniform distributions via maximum likelihood estimation of its location parameter (with Z. Buczolich), Oberwolfach Conference Volume on Extreme


39. How to eliminate probabilities from probability theory (with I. Z. Ruzsa), First World Congress of the Bernoulli Society, Tashkent, Abstracts, 1986.52.


PREPRINTS PREPARED FOR PUBLICATION

1. Before Mathematics: Thales and the Ten Commandments

2. The Mean Paradox of Social Choices (with C. Bennett and C. Holland) (ready for submission)

3. Brownian correlation: CLT for stationary sequences

4. Student’s t-test for unimodal distributions (with N. K. Bakirov).

5. E-statistics: the energy of statistical samples.

6. Representations by simple functions of uncorrelated random variables (with T. Mori and G. Petruska).

7. 1/2 of a coin: unlikely probabilities.


10. Joint characterization of normal and exponential distributions (with L. Klebanov).

DISSEARATATIONS, LECTURE NOTES


**PAPERS (in Hungarian)**


7. Szimmetriak terben es idoben, Delta, 1978/4, 11-14


11. Egyetemek a kozepekban, IPM/9, 22-25.


15. A kiszamítható szerencse, Delta, 1979/1, 40-42.
27. Iskolaalapitok - Riesz Frigyes es Fejer Lipot száz eve született, Magyar Hirlap, 1980.1.27., 11.
30. Csillagistenek alkonya, IPM, 1980/3, 4-6.
35. Terformak új formában, Delta, 1981/6, 36-38.
42. A tojas geometria, Delta, 1983/2, 42-44.
45. A nagy szamok torvenyei, Magyar Tudomany, 1883/7-8, 538-545.
46. A celtalan bolyongas matematikaja, Delta, 1984/7, 21-23.
47. Ut a vegtelenbe - fazisatmenetek (Elek Istvannal), Delta, 1984/10, 22-25.
52. A Waring problema megoldasa, Delta, 1986/6, 14-15.


61. Lectures on game theory, Hungarian Television MTV, 1991