LIST OF PUBLICATIONS OF IMRE CSISZÁR

1. I. Csiszár, *Some remarks on the dimension and entropy of random variables*, Acta Math. Acad. Sci. Hungar. **12** (1961), 299–408.
2. I. Csiszár, *On the dimension and entropy of order α of the mixture of probability distributions*, Acta Math. Acad. Sci. Hungar. **13** (1962), 246–255.
3. I. Csiszár, *Informationstheoretische Konvergenzbegriffe im Raum der Wahrscheinlichkeitsverteilungen*, Publ. Math. Inst. Hungar. Acad. Sci. **7** (1962), 137–158.
4. I. Csiszár, J. Fischer, *Informationsentfernungen im Raum der Wahrscheinlichkeitsverteilungen.*, Publ. Math. Inst. Hungar. Acad. Sci. **7** (1962), 159–180.
5. I. Csiszár, A. Dobó, *A method of eliminating systematic errors*, MTA II. Oszt. Közl. **12** (1962), 128–132. (Hungarian)
6. I. Csiszár, *Eine informationstheoretische Ungleichung und ihre Anwendung auf den Beweis der Erdodizität von Markoffschen Ketten.*, Publ. Math. Inst. Hungar. Acad. Sci. **8** (1963), 85–108.
7. I. Csiszár, *Über topologische und metrische Eigenschaften der relativen Information der Ordung α*, Trans. Third Prague Conference on Inform. Theory etc., Prague, 1964, 63–72.
8. I. Csiszár, *A note on limiting distributions on topological groups*, Publ. Math. Inst. Hungar. Acad. Sci. **9** (1965), 595–599.
9. I. Csiszár, P. Erdős, *One the function $g(t) = \limsup_{x\to\infty}(f(x+t) - f(x))$*, Publ. Math. Inst. Hungar. Acad. Sci. **9** (1965), 600–606.
10. I. Csiszár, *On infinite products of random elements and infinite convolutions of probability distributions on locally compact groups*, Z. Wahrscheinlichkeitsth. verw. Gebiete **5** (1966), 279–295.
11. I. Csiszár, *A note on Jensen's inequality*, Studia Sci. Math. Hungar. **1** (1966), 227–230.
12. I. Csiszár, *Information–type measures of difference of probability distributions I–II*, MTA II. Oszt. Közl. **17** (1967), 123–149, 267–291. (Hungarian)
13. I. Csiszár, *Information–type measures of difference of probability distributions and indirect observations*, Studia Sci. Math. Hungar. **2** (1967), 299–318.
14. I. Csiszár, *On topological properties of f–divergences*, Studia Sci. Math. Hungar. **2** (1967), 329–339.
15. I. Csiszár, *Two remarks on noiseless coding*, Information and Control **11** (1967), 317–332.
16. I. Csiszár, J. Komlós, *On the equivalence of two models of finite–state noiseless channels from the point of view of the output*, Proc. Coll. Information Theory, Soc. J. Bolyai, Debrecen (1967), 129–133.
17. I. Csiszár, *Simple proofs of some theorems on noiseless channels*, Information and Control **14** (1969), 285–298.

Typeset by $\mathcal{A}\mathcal{M}\mathcal{S}$-TEX

18. I. Csiszár, G. Katona, G. Tusnády, *Information sources with different cost scales and the principle of conservation of entropy*, Z. Wahrscheinlichkeitsth. verw. Gebiete **12** (1969), 185–222.
19. I. Csiszár, *On generalized entropy*, Studia Sci. Math. Hungar. **4** (1969), 404–419.
20. I. Csiszár, *On noiseless channels*, Probl. Pered. Inform. **6** (1970), 3–15. (Russian)
21. I. Csiszár, *Some problems concerning measures on topological spaces and convolution of measures on topological groups*, LesProbabilités sur les Structures Algebriques. Colloques Internationaux duC.N.R.S. Paris 1970, 85–96.
22. I. Csiszár, *On the weak continuity of convolution in a convolution algebra over an arbitrary topological group*, Studia Sci. Math. Hungar. **6** (1971).
23. I. Csiszár, G. Longo, *On the error exponent for source coding and for testing simple statistical hypotheses*, Studia Sci. Math. Hungar. **6** (1971), 181–191.
24. I. Csiszár, *Generalized entropy and quantization problems*, Trans. Sixth Prague Conference on Inform. Theory etc., Academia, Prague (1971), 159–174.
25. I. Csiszár, *A class of measures of informativity of observation channels*, Periodica Math. Hungar. **2** (1972), 191–218.
26. I. Csiszár, *On the capacity of noisy channels with arbitrary signal costs*, Problems of Control and Information Theory **2** (1973), 283–304.
27. I. Csiszár, *On the computation of rate–distortion functions*, IEEE Trans. Inform. Theory **20** (1974), 122–124.
28. I. Csiszár, *On an extremum problem of information theory*, Studia Sci. Math. Hungar. **9** (1974), 57–61.
29. I. Csiszár, *I–divergence geometry of probability distributions and minimization problems*, Annals of Probability **3** (1975), 146–158.
30. I. Csiszár, B. Rajput, *A convergence of types theorem for probability measures on topological vector spaces with applications to stable laws*, Z. Wahrscheinlichkeitsth. verw. Gebiete **36** (1976), 1–7.
31. I. Csiszár, J. Körner, *Source networks with unauthorized users*, J. Combinatorics, Information and System Sciences **1** (1976), 25–40.
32. I. Csiszár, *Information measures: a critical survey*, Trans. Seventh Prague Conference on Inform. Theory etc., and of the 1974 European Meeting of Statisticians, Academia, Prague 1977, 73–86.
33. J. Beck, I. Csiszár, *Medium converse for memoryless channels with arbitrary alphabets*, Problems of Control and Information Theory **7** (1978), 199–201.
34. I. Csiszár, J. Körner, *Broadcast channels with confidential messages*, IEEE Trans. Inform. Theory **24** (1978), 339–348.
35. I. Csiszár, J. Körner, *Towards a general theory of source networks*, IEEE Trans. Inform. Theory **26** (1980), 155–165.
36. I. Csiszár, *Joint source–channel error exponent*, Problems of Control and Information Theory **9** (1980), 315-328.
37. I. Csiszár, J. Körner, *Graph decompositions: a new key to coding theorems*, IEEE Trans. Inform. Theory **27** (1981), 5–12.
38. I. Csiszár, J. Körner, *On the capacity of arbitrarily varying channels for maximum probability of error*, Z. Wahrscheinlichkeitsth. verw. Gebiete **57** (1981), 87–101.

39. R. Ahlswede, I. Csiszár, *To get a bit of information may be as hard as to get full information*, IEEE Trans. Inform. Theory **27** (1981), 398–408.
40. I. Csiszár, J. Körner, *Information Theory: Coding Theorems for Discrete Memoryless Channels.*, Academic, New York, 1981.
41. I. Csiszár, J. Körner, *Feedback does not affect the reliability of a DMC at rates above capacity*, IEEE Trans. Inform. Theory **28** (1982), 92–93.
42. I. Csiszár, *Linear codes for sources and source networks: error exponents, universal coding*, IEEE Trans. Inform. Theory **28** (1982), 585–592.
43. I. Csiszár, *On the error exponent of source–channel transmission with a distortion threshold*, IEEE Trans. Inform. Theory **28** (1982), 823–828.
44. I. Csiszár, *An abstract source–channel transmission theorem*, Problems of Control and Information Theory **12** (1983), 303–307.
45. I. Csiszár, *Information theory and ergodic theory*, Teoria della Misura e sue Applicazioni, 43–86; Atti del Convegno Trieste 1980, Universita degli Studi di Trieste, 1984. Also:Problems of Control and Information Theory **16** (1987), 3–27.
46. I. Csiszár, *Sanov property, generalized I–projection and a conditional limit theorem*, Annals of Probability **12** (1984), 768–793.
47. I. Csiszár, G. Tusnády, *Information geometry and alternating minimization procedures*, Statistics and Decisions, Supplement Issue No 1 (1984), 205–237.
48. I. Csiszár, *A generalized maximum entropy principle and its Bayesian justification*, Bayesian Statistics **2**, 83–98 (1985), North Holland.
49. R. Ahlswede, I. Csiszár, *Hypothesis testing with communication constraints*, IEEE Trans. Inform. Theory **32** (1986), 533–542.
50. I. Csiszár, T. Cover, B. S. Choi, *Conditional limit theorems under Markov conditioning*, IEEE Trans. Inform. Theory **33** (1987), 788–801.
51. I. Csiszár, P. Narayan, *Arbitrarily varying channels with constrained inputs and states*, IEEE Trans. Inform. Theory **34** (1988), 27–34.
52. I. Csiszár, P. Narayan, *The capacity of arbitrarily varying channels revisited: positivity, constraints*, IEEE Trans. Inform. Theory **34** (1988), 181–193.
53. I. Csiszár, P. Narayan, *Capacity and decoding rules for arbitrarily varying channels*, IEEE Trans. Inform. Theory **35** (1989), 752–769.
54. I. Csiszár, *A geometric interpretation of Darroch and Ratcliff's generalized iterative scaling*, Annals of Statistics **17** (1989), 1409–1413.
55. I. Csiszár, J. Körner, L. Lovász, K. Marton and G. Simonyi, *Entropy splitting for antiblocking corners and perfect graphs*, Combinatorica **10** (1990), 27–40.
56. I. Csiszár, P. Narayan, *Capacity of the Gaussian arbitrarily varying channel*, IEEE Trans. Inform. Theory **37** (1991), 18-26.
57. I. Csiszár, *Why least squares and maximum entropy? An axiomatic approach to linear inverse problems*, Annals of Statistics **19** (1991), 2032–2066.
58. I. Csiszár, *New axiomatic results an inference for inverse problems*, Studia Sci. Math. Hungar. **26** (1991), 207–237.
59. I. Csiszár, *Arbitrarily varying channels with general alphabets and states*, IEEE Trans. Inform. Theory **38** (1992), 1725–1742.
60. R. Ahlswede, I. Csiszár, *Common randomness in information theory and cryptography. Part 1, Secret sharing*, IEEE Trans. Inform. Theory **39** (1993), 1121-1132.

61. I. Csiszár, *Entropy maximization and related methods: axiomatics, algorithms*, Szigma **24** (1993), 111-137. (Hungarian)
62. I. Csiszár, *Maximum entropy and related methods*, Trans. 12th Prague Conference on Inform. Theory etc., Prague 1994, 58-62.
63. I. Csiszár, *Generalized cutoff rates and Rényi's information measures*, IEEE Trans. Inform. Theory **41** (1995), 26-34.
64. I. Csiszár and P. Narayan, *Channel capacity for a given decoding metric*, IEEE Trans. Inform. Theory **41** (1995), 35-43.
65. I. Csiszár, *Generalized projection for non-negative functions*, Acta Sci. Math. Hungar. **68** (1995), 161-185.
66. I. Csiszár, *Almost independence and secrecy capacity*, Problems of Information Transmission **32** (1996), 48-57 (in Russian).
67. I. Csiszár and P. Shields, *Redundancy rates for renewal and other processes*, IEEE Trans. Inform. Theory **42** (1996), 2065-2072.
68. I. Csiszár, *Maxent, mathematics and information theory*, *Maximum Entropy and Bayesian Methods, Proc. 15th Int'l Workshop,* (K. M. Hanson and R. N. Silver, eds.), Kluwer Academic, 1996, pp. 35-50.
69. R. Ahlswede, I. Csiszár, *Common randomness in information theory and cryptography, Part 2: CR capacity*, IEEE Trans. Inform. Theory **44** (1998), 225-240.
70. I. Csiszár and L. Finesso, *On a problem about I-projections*, Studia Sci. Math. Hungar. **34** (1998), 41–50.
71. I. Csiszár, *Information theoretic methods in probability and statistics*, IEEE Information Theory Society Newsletter **48** (1998), 21-30.
72. I. Csiszár, *The method of types*, IEEE Trans. Inform. Theory **44** (1998), 2505-2523.