BERNOULLI

Official Journal of the Bernoulli Society for Mathematical Statistics and Probability

Volume Twenty Five Number Four Part A November 2019 ISSN: 1350-7265

CONTENTS

LEI, T.	2409
Scaling limit of random forests with prescribed degree sequences	
ICHIBA, T. and SARANTSEV, A.	2439
Stationary distributions and convergence for Walsh diffusions	
LIMIC, V.	2479
The eternal multiplicative coalescent encoding via excursions of Lévy-type processes	
BUHL, S., DAVIS, R.A., KLÜPPELBERG, C. and STEINKOHL, C.	2508
Semiparametric estimation for isotropic max-stable space-time processes	
GÖTZE, F., NAUMOV, A., SPOKOINY, V. and ULYANOV, V.	2538
Large ball probabilities, Gaussian comparison and anti-concentration	
FANG, X., PENG, S., SHAO, QM. and SONG, Y.	2564
Limit theorems with rate of convergence under sublinear expectations	
REISS, M. and WAHL, M.	2597
Functional estimation and hypothesis testing in nonparametric boundary models	
WEED, J. and BACH, F.	2620
Sharp asymptotic and finite-sample rates of convergence of empirical measures	
in Wasserstein distance	
MARGUET, A.	2649
Uniform sampling in a structured branching population	
ABRAHAM, K.	2696
Nonparametric Bayesian posterior contraction rates for scalar diffusions	
with high-frequency data	
HUESMANN, M. and TREVISAN, D.	2729
A Benamou–Brenier formulation of martingale optimal transport	
BHATTACHARJEE, C. and GOLDSTEIN, L.	2758
Dickman approximation in simulation, summations and perpetuities	
FAN, X., GRAMA, I., LIU, Q. and SHAO, QM.	2793
Self-normalized Cramér type moderate deviations for martingales	
RAIČ, M.	2824
A multivariate Berry–Esseen theorem with explicit constants	

The papers published in Bernoulli are indexed or abstracted in *Current Index to Statistics*, *Mathematical Reviews*, *Statistical Theory and Method Abstracts-Zentralblatt (STMA-Z)*, and *Zentralblatt für Mathematik* (also avalaible on the *MATH via STN* database and *Compact MATH CD-ROM*). A list of forthcoming papers can be found online at http://www.

(continued on the inside cover)

bernoulli-society.org/index.php/publications/bernoulli-journal/bernoulli-journal-papers

BERNOULLI

Official Journal of the Bernoulli Society for Mathematical Statistics and Probability

Volume	Twenty	Five	Number	Four	Part	A	November	2019	ISSN:	1350-
7265	•									

CONTENTS

(Continued)	
DURMUS, A. and MOULINES, É.	2854
High-dimensional Bayesian inference via the unadjusted Langevin algorithm	
BECT, J., BACHOC, F. and GINSBOURGER, D.	2883
A supermartingale approach to Gaussian process based sequential design of experiments	
ANH, V., LEONENKO, N., OLENKO, A. and VASKOVYCH, V.	2920
On rate of convergence in non-central limit theorems	
LIU, Z., BLANCHET, J.H., DIEKER, A.B. and MIKOSCH, T.	2949
On logarithmically optimal exact simulation of max-stable and related random fields on a compact set	
DOLERA, E. and REGAZZINI, E.	2982
Uniform rates of the Glivenko-Cantelli convergence and their use in approximating	
Bayesian inferences	
BELLEC, P.C.	3016
Localized Gaussian width of M-convex hulls with applications to Lasso and convex	
aggregation	
DITZHAUS, M.	3041
Signal detection via Phi-divergences for general mixtures	
BALAN, R.M. and SONG, J.	3069
Second order Lyapunov exponents for parabolic and hyperbolic Anderson models	
NGUYEN, V.H.	3090
Φ-entropy inequalities and asymmetric covariance estimates for convex measures	
LIVINGSTONE, S., BETANCOURT, M., BYRNE, S. and GIROLAMI, M.	3109
On the geometric ergodicity of Hamiltonian Monte Carlo	
ALONSO-GUTIÉRREZ, D., PROCHNO, J. and THÄLE, C.	3139
Gaussian fluctuations for high-dimensional random projections of ℓ_p^n -balls	
CHZHEN, E., HEBIRI, M. and SALMON, J.	3175
On Lasso refitting strategies	
BERENGUER-RICO, V., JOHANSEN, S. and NIELSEN, B.	3201
Corrigendum: Analysis of the forward search using some new results for martingales and	
empirical processes	