

Daniel Rudolf

Universität Passau, Germany

daniel.rudolf@uni-passau.de

We present a characterization of the consistent estimation of expectations of integrable functions with respect to a class of Monte Carlo methods. Consistency here refers to convergence in mean and/or convergence in probability of the estimator to the integral of interest. Moreover, the aforementioned class of methods contains averages based on randomized digital nets, Latin hypercube sampling randomized Frolov as well as Cranley-Patterson rotated point sets.

Joint work with Julian Hofstadler (Universität Passau, Germany).