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3 Applications—The Finite Dimensional Case 71 3.1 Large Deviations for Finite State Markov Chains 72 3.1.1 LDP for Additive Functionals of Markov Chains . . 73 3.1.2 Sanov's Theorem for the Empirical Measure of Markov Chains 76 3.1.3 Sanov's Theorem for the Pair Empirical Measure of Markov Chains 78 3.2 Long Rare Segments in Random Walks 82

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Large deviation theory and applications

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It has important applications to information theory and physics; in particular, large deviations theory explains the origin, meaning and role of entropy. Although a subbranch of probability theory, it can be rather analytic, using for example convexity arguments, topological arguments and some variational calculus.

Course "Large Deviations", TU Berlin, SoSe 2020

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