## **Quasi-Stationary Distributions and Domain of Attraction Problem**

Hanjun ZHANG Xiangtan University, China E-mail: hjzhang001@gmail.com

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Abstract: In this talk, we first review some necessary background on the quasi-stationary distributions (QSDs),

then we present some recent results on construction of QSDs for general Markov chains; finally, domain of attraction problem for both birth-and-death processes and one-dimensional diffusion processes is discussed, some related conjectures are presented.