Random Sturm–Liouville operators with point interactions

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Abstract. In this talk I study invariance for eigenvalues of selfadjoint Sturm-Liouville operators with local point interactions. In a probabilistic setting, given a family H_ω of this class of operators I show that a point is either an eigenvalue for all ω or only for a set of ω's of measure zero. Using classical oscillation theory it is possible to decide whether the second situation happens.