

**Zero topological entropy and invariant measures in
dimension one**

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In this talk I will survey some recent results on special properties of maps with zero entropy on one-dimensional continua (mostly interval and topological graphs). I will be interested in relations between Li-Yorke pairs, sequence entropy and how they influence properties of invariant measures. The talk will be based, in part, on recent joint works with Jian Li, Guohua Zhang and Xianjuan Liang.