

Minimal and not uniquely ergodic interval exchange transformations

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This talk will introduce two methods for constructing minimal and not uniquely ergodic interval exchange transformations, one due to Katok-Sataev-Veech and the other to Keane. Then it will discuss some recent results on minimal and not uniquely ergodic interval exchanges focusing on diophantine properties and connections to geometry. This is joint work with J. Athreya, M. Boshernitzan, Y. Cheung, H. Masur, P. Reynolds and M. Wolf.