

数論セミナー

日時：2019年6月24日（月）16：45 ～

場所：自然科学系棟 D814

講演者：篠田 万穂（京都大学人間環境学研究科）

講演題目：Intrinsic ergodicity for factors of $(-\beta)$ -shift

We proved that every subshift factor of $(-\beta)$ -shifts is intrinsically ergodic, when β is more than the golden ratio and the $(-\beta)$ -expansion of -1 is not periodic with odd period. Moreover, the unique measure of maximal entropy satisfies a certain Gibbs property. This is an application of the technique established by Climenhaga and Thompson to prove intrinsic ergodicity beyond specification. We also prove that there exists a factor of $(-\beta)$ -shift which is not intrinsically ergodic in the cases other than the above. This is a joint work with Kenichiro Yamamoto in Nagaoka University of Technology.

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