

数論セミナー

日時：2020年11月6日（金）16：40 ～

場所：Zoom 開催

講演者：Yasushi Nagai (Open Univ. UK)

講演題目：The absence of the absolutely continuous diffraction spectra for certain S-adic tilings

Tilings are one form of patterns inside Euclidean spaces. Their diffraction measures are important, because they model the physical diffraction patterns of (quasi)crystals. There are many interesting tilings generated by substitution rules. In this talk we discuss the diffraction spectra of S-adic tilings, which form a class of tilings constructed via substitution rules. In particular, we show the absence of the absolutely continuous part of the diffraction spectra for most of the binary case.

聴講希望は秋山（akiyama@math.tsukuba.ac.jp）まで。