# 代数特別セミナー

本セミナーは大学院科目「数学フロンティア」対象セミナーです

日時：2018 年 12 月 3 日（月）16：00　～
場所：自然学系棟 D509
講演者：Pierre Arnoux（Univ Aix-Marseille）
講演題目：The Rauzy gasket : known facts, conjectures and recent developments.

In this talk, I will give several equivalent definitions of the Rauzy gasket, a fractal set discovered independently by several people and appearing in number theory, theoretical computer science, and dynamical systems. I will show that it plays a role in a several quite different situations (billiards, pseudo-group, numeration systems, interval exchange transformations...). In the recent years, unexpected results have been obtained on various families of dynamical systems parametrised by the Rauzy gasket, and I will describe some of them.

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