

APRIL 1 - JULY 15

IMPAN, WARSAW

SIMONS SEMESTER ON

GEOMETRIC AND ANALYTIC GROUP THEORY

SEMINAR

WEDNESDAY, 01.05.2019

13:00-13:50

ROOM 321

ŚNIADECKICH 8

00-656 WARSZAWA

Agnieszka Bier (Politechnika Śląska)

Groups with weak-Sierpiński subsets

Abstract: In a group G , a weak Sierpiński subset is a subset E such that for some g, h from G and distinct a and b from E , we have $gE = E \setminus \{a\}$ and $hE = E \setminus \{b\}$.

In this setting, we study the subgroup generated by g and h , and show that it has a special presentation, unless it is free over (g, h) .

This is joint work with Y. Cornulier and P. Śtanina.

