

# Seminarium geometrów

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Jarek Kędra (U. Aberdeen)

## **Boundedness properties of groups**

Abstract: A group  $G$  is called bounded if every biinvariant metric on  $G$  has finite diameter. If  $G$  is generated by finitely many conjugacy classes then this property is independent of a choice of a generating set. However, the diameter may depend on a generating set. In the talk I will discuss this dependence and some of its consequences.