

***GROWTH OF GROUPS WITH FINITELY MANY
INCOMPRESSIBLE ELEMENTS***

**Speaker: Kuang Zheng
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Time: Fri, Dec 20th, 10:10 - 11:10

Zoom Meeting ID: 646 617 8889

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Abstract:

Groups of intermediate growth has been an active research topic in geometric and asymptotic group theory since 1980 when R. Grigorchuk constructed the first example of such a group, namely, the Grigorchuk group. In this talk, I will describe a new class of groups of intermediate growth. I will define the class of groups of bounded type from tile inflations, and show that if the set of incompressible elements of a group in this class is finite, then this group has intermediate growth.