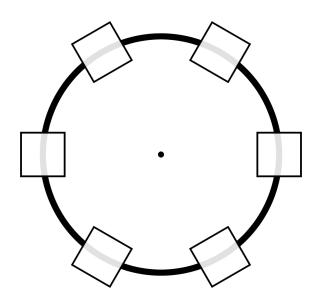
Automorphism groups of rooted trees University of Sydney Algebra Seminar

Lewis Combes

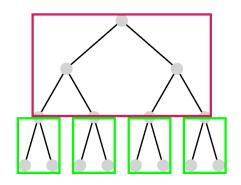
University of Syndey

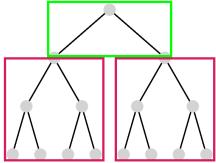
2025-05-16

Wreath product $D_4 \wr C_6$

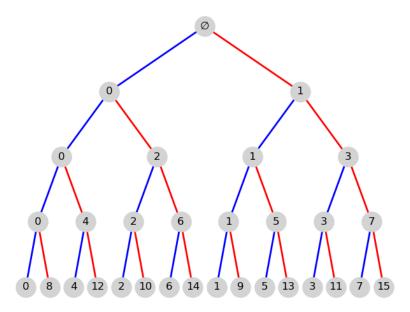


Proof that $C_2 \wr (C_2 \wr C_2) \simeq (C_2 \wr C_2) \wr C_2$

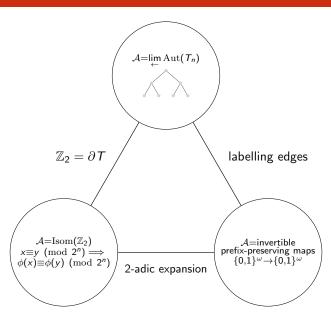




The rooted binary tree as a model for \mathbb{Z}_2



Perspectives on ${\cal A}$

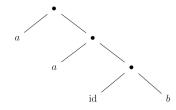


Generators of the Grigorchuk group

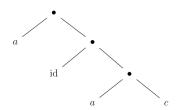




b:



c:



d:

