

---

**ILYA KAZACHKOV**, McGill University

*Elementary equivalence of right-angled Coxeter groups and graph products of finite abelian groups*

We show that graph products of finite abelian groups are elementarily equivalent if and only if they are  $\exists\forall$ -equivalent if and only if they are isomorphic. In particular, two right-angled Coxeter groups are elementarily equivalent if and only if they are isomorphic.