

1017-00-68

Ophir Feldman* (ofeldman@wellesley.edu), 106 Central Street, Wellesley, MA 02481. *Actions of Free Products of Two Cyclic Groups on \mathbb{R} -Trees.*

We study actions of free products of two cyclic groups on \mathbb{R} -trees. Our main result is a classification of minimal, non-trivial, small \mathbb{R} -tree actions for two classes of these groups, which in turn yields a classification of minimal, non-trivial, small \mathbb{R} -tree actions for most of the finite type Artin groups. (Received February 12, 2006)