

1154-20-1950 **Rostyslav Kravchenko***, rkchenko@utexas.edu. *On the rigidity of rank gradient in a group of intermediate growth.*

We introduce and investigate the rigidity property of rank gradient in the case of the Grigorchuk group. We show that it is normally $(\log, \log\log)$ -RG rigid. This is a joint work with R. Grigorchuk. (Received September 16, 2019)