Dirk Schuetz* (dirk.schuetz@durham.ac.uk), Department of Mathematical Sciences, Durham University, Science Laboratories, South Rd, Durham, DH1 3lE, England. Novikov homology of right-angled Artin groups.

We calculate the Novikov homology of right-angled Artin groups and related HNN extensions. This is used to construct groups with symmetric homological Sigma invariants (with respect to the antipodal map) whose homotopical Sigma invariants are not symmetric. (Received September 22, 2011)