Józef H. Przytycki and Xiao Wang* (wangxiao@gwmail.gwu.edu). An example of torsion in Yang-Baxter homology.

It is well known that one can get link invariants from Yang-Baxter operators (Jones, Turaev). We will introduce a homology theory of Yang-Baxter operator and discuss some computation results especially for the Yang-Baxter operator giving Jones polynomial. (Received September 11, 2016)