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**Jing Wang\*** (gwjwang@gwu.edu) and **Jozef H Przytycki** (przytyck@gwu.edu). *Introduction to Yang-Baxter Homology.*

Yang-Baxter operators have been used to construct link invariants such as Jones polynomial, HOMFLYPT polynomial, etc. In this talk, I will give an introduction on general Yang-Baxter homology motivated from distributive homology and homology of set-theoretic Yang-Baxter operators. (Received February 24, 2015)