

1105-55-299

Seung Yeop Yang* (syyang@gwmail.gwu.edu) and **Jozef H. Przytycki.** *Torsion of Quandle Homology Groups of Takasaki Quandles.*

Niebrzydowski and Przytycki proved that the torsion subgroup of $H_n^Q(T(\mathbb{Z}_3))$ is annihilated by 3, for $n > 1$, and Nosaka generalized this result, p annihilates the torsion of $H_n^Q(T(\mathbb{Z}_p))$ when p is prime. Our goal is to extend the result of Niebrzydowski, Nosaka, and Przytycki about the torsion subgroup of quandle homology groups of Takasaki quandles. (Received September 22, 2014)