

1084-57-183

Joshua Evan Greene*, Boston College, Department of Mathematics, Chestnut Hill, MA 02467.

Quasi-alternating links.

I will discuss what I know concerning quasi-alternating links, which form an interesting generalization of alternating links. The main result is jointly due to Liam Watson: we show that an infinite family of knots occurring in work of Kanenobu are not quasi-alternating, even though their homological invariants are thin and isomorphic. To show that they are not quasi-alternating uses some facts about 4-manifolds. (Received August 31, 2012)