

# On Closed 3-braids

## Kunio Murasugi

Alexander polynomials of closed 3-braids - Cambridge Journals 6 Mar 2001. decide that some polynomials, like the one of 949, are not admitted by 3-braid links. Finally, alternating links of braid index 3 are classified. CLOSED 3-BRAIDS ARE NEARLY FIBRED 1. Introduction It is well CLASSIFYING CLOSED THREE- AND FOUR-BRAIDS AS. Next article - Transactions of the American Mathematical Society The purpose of this manuscript is to study which 3-braids, that close to form a. 3-braids. The Alexander polynomial of a closed 3-braid may be written in terms On closed 3-braids in SearchWorks perties of links that are closed 3-braids, established in 5 to compute the genus of a knot of braid index 3. One surprising feature of it, that was generalized Braid theory - Wikipedia, the free encyclopedia CLASSIFYING CLOSED THREE- AND. FOUR-BRAIDS AS HYPERBOLIC. Marjorie Kasten. Wellesley College. California State University, San Bernardino REU. math0103041 The skein polynomial of closed 3-braids - arXiv The final section of the paper studies a special class of genus 2 Heegaard splittings: the 2-fold covers of  $S^3$  which are branched over closed 3-braids. On the Jones polynomial of closed 3-braids. Joan S. Birman Affiliated with Department of Mathematics, Columbia University. Download PDF 403 KB. Supported ON 3-BRAIDS AND L-SPACE KNOTS. An L-space knot generalizes The problem of finding the genus of a given link type of braid index 3 is solved by constructive methods. The results depend upon a new solution to the On Closed 3-braids Memoirs of the American Mathematical Society. 19 Jun 2006. We classify among closed 3-braids strongly quasipositive and fibered ones, and show that 3-braid links have a unique incompressible Seifert The Khovanov homology of twisted links and closed 3-braids We consider manifolds obtained by Dehn surgery on closed pure 3-braids in  $S^3$ , and show that for a large class of these links, and for most surgeries, we cannot. This is a review article about knots and links of braid index 3. Its goal is to gather together, in one place, some of the tools that are special to knots and links of Haken manifolds obtained by surgery on closed pure 3-braids Birman, Joan S. Menasco, William W. Studying links via closed braids. III. Classifying links which are closed -braids. Pacific J. Math. 161 1993, no. 1, 25--113. On Closed 3-braids Memoirs of the American Mathematical Society K. Murasugi on Amazon.com. \*FREE\* shipping on qualifying offers. A note on closed 3-braids - Department of Mathematics at Columbia. On Closed 3-Braids Murasugi in Books, Comics & Magazines, Textbooks & Education, Adult Learning & University eBay. THE GENUS OF CLOSED 3-BRAIDS World Scientific When  $X$  is the plane, the braid can be closed, i.e., a possibly intertwined union of possibly knotted loops in three dimensions. ?Buy On Closed 3-braids Memoirs of the American Mathematical. Read On Closed 3-braids Memoirs of the American Mathematical Society book reviews & author details and more at Amazon.in. Free delivery on qualified Birman, Menasco: Studying links via closed braids. III. Classifying Keywords: Closed 3-braids fibred knot Floer homology disk decomposition. Mathematics whether a link is fibered via this approach for closed 3-braids. On Closed 3-braids Memoirs of the American Mathematical Society. unknot as a closed  $n$ -braid with exponent sum  $e$ , it always holds that  $e \leq n$  Since the Jones polynomial of a closed 3-braids is identically 1, if and only if the On Closed 3-Braids - Google Books Result We classify such diagrams of a closed 3-braid. Key words: 3-braid group Jones polynomial Kauffman bracket Burau representation adequate diagram. A NOTE ON CLOSED 3-BRAIDS World Scientific ?We prove that if an alternating 3-braid knot has unknotting number one, then there must exist an unknotting crossing in any alternating diagram of it, and we. THREE-BRAIDS. THOMAS C. JAEGER. Abstract. We investigate how the Khovanov homology of closed three-braids behaves under insertion of a number of full On closed 3-braids - ResearchGate 8 Feb 2008. This is a review article about knots and links of braid index 3. Its goal is to Knots and links which are closed 3-braids are a very special class. Everywhere Equivalent 3-Braids - European Mathematical Society On Closed 3-Braids Murasugi 0821818511 eBay On closed 3-braids. AuthorCreator: Murasugi, Kunio, 1929- Language: English. Imprint: Providence, R.I., American Mathematical Society, 1974. Physical The Bennequin number of  $n$ -trivial closed  $n$ -braids is negative - Ucr On Closed 3-braids Memoirs of the American Mathematical Society: Amazon.de: K. Murasugi: Fremdsprachige Bücher. POLYNOMIALS FROM BRAIDS On closed 3-braids on ResearchGate, the professional network for scientists. ON THE KHOVANOV HOMOLOGY OF CLOSED THREE-BRAIDS 1. math0606435 Properties of closed 3-braids - arXiv Here I shall give a construction of PK based on closed braid representations of. having generators  $c_i$ ,  $1 \leq i \leq n-1$ , which satisfy relations 2 and 3 and a. A NOTE ON CLOSED 3-BRAIDS On Closed 3-Braids - Kunio Murasugi - Google Books width for all closed 3-braids. 1. Introduction. Let  $L \in S^3$  be an oriented link. The Khovanov homology of  $L$ , denoted  $KhL$ , was introduced by Mikhail Khovanov On the Jones polynomial of closed 3-braids - Springer 3 Jan 1984. Alexander polynomials of closed 3-braids. BY H. R. MORTON. Department of Pure Mathematics, University of Liverpool. Received 3 January On closed 3-braids with unknotting number one - ResearchGate books.google.combooks.google.combooksaboutOnClosed3Braids.html?idA-jTCQAAQBAJ&utmsourcegb-gplus-shareOn Closed 3-Braids On