

An infinite sequence of non-conjugate braids of even braid index

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By the Classification Theorem of closed 3-braids given by J. Birman and W. Menasco, it is known that there are only finitely many mutually non-conjugate n -braids having the same closure ($n = 1, 2$ or 3). Therefore if there are infinitely many mutually non-conjugate n -braids having the same closure, then $n \geq 4$. T. Fiedler showed the existence of an infinite sequence of irreducible 4-braids representing unknots. In this talk, for some knots of even braid index n , we give such infinite sequences of n -braids.

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