

**On braid presentation of surfaces in 4-space
and a graphic method to describe them**

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Abstract: It is well-known as the Alexander and Markov theorem that every knot in 3-space can be described as a closed braid and such a braid presentation is unique up to Markov-move equivalence. For a knotted surface in 4-space, we have an analogy. Moreover such a braid presentation is describe by a graphic called a chart. We introduce a recent aspect of this.