

BRAIDZEL SURFACES FOR LINKS

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As a generalization of pretzel surfaces, L. Rudolph has introduced a notion of braidzel surfaces on his study of the quasipositivity for pretzel surfaces. In this paper, we show that any oriented link has a braidzel surface. We also introduce a new geometric numerical invariant of links with respect to their braidzel surface, the braidzel genus and study relationships among them and other “genus” for links.

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