Khovanov homology and exotic surfaces in the 4-ball

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PATCH - Penn

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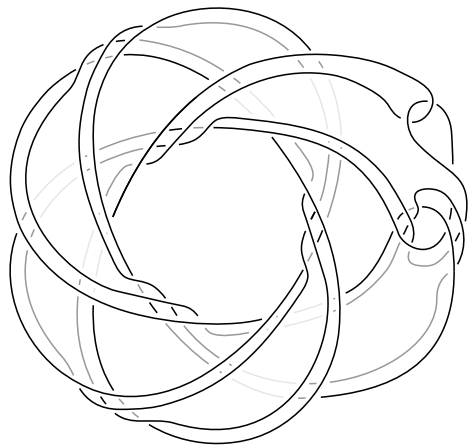
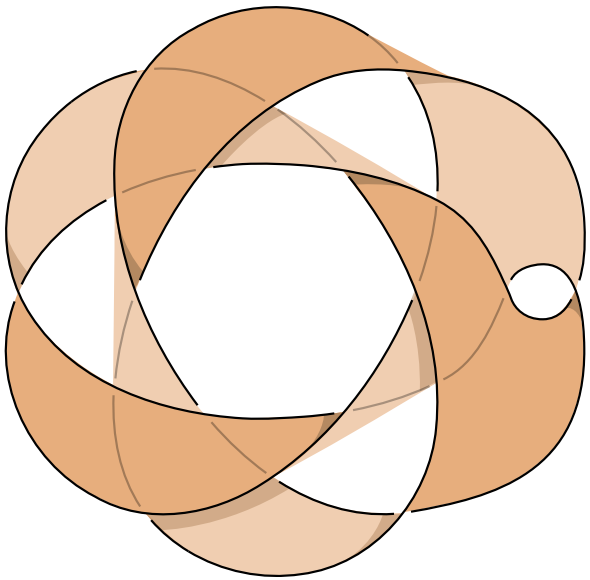
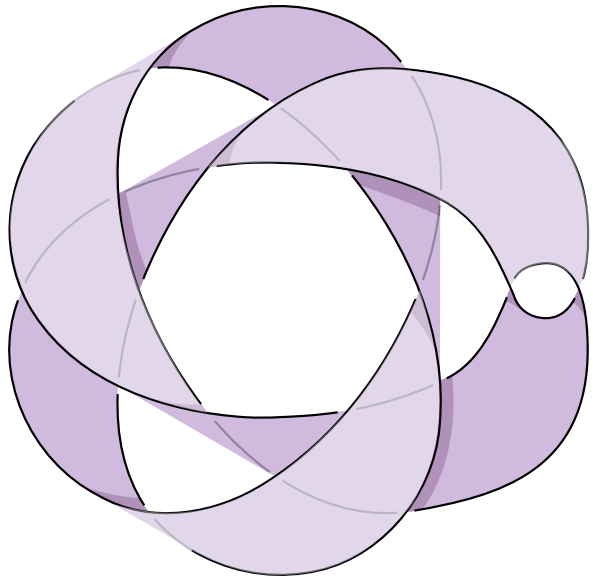


Non-isotopic Seifert surfaces in B^4

Theorem (Hayden-Miller-Kim-Park-S. 22)

There are knots bounding pairs of non-isotopic Seifert surfaces, which remain non-isotopic when pushed into B^4.





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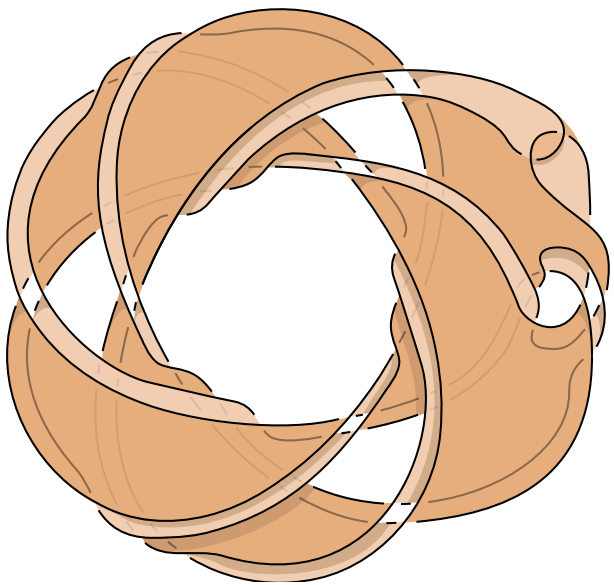

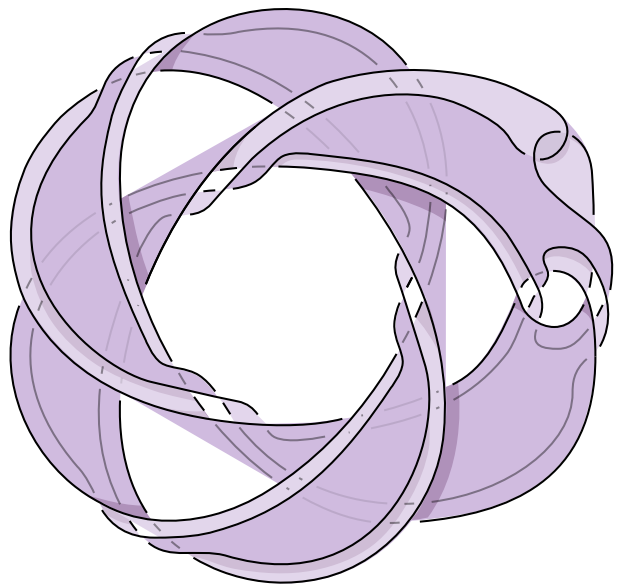

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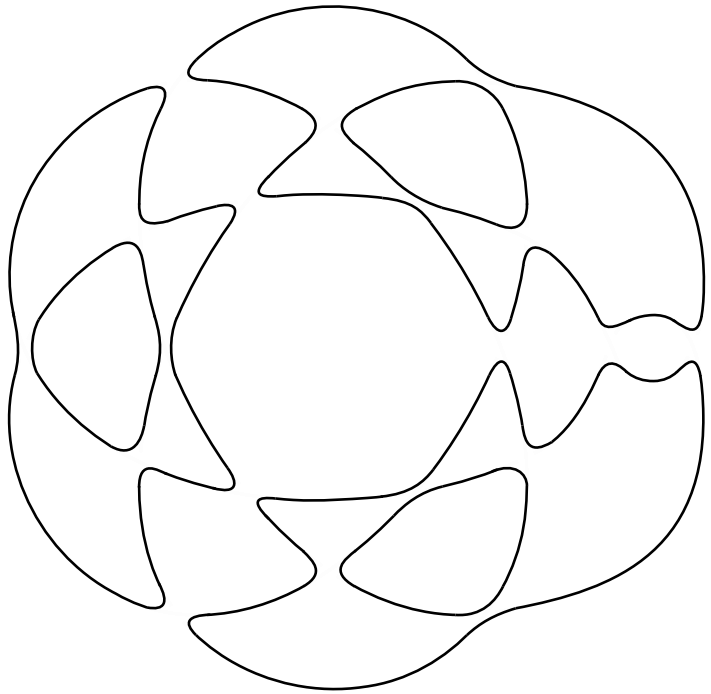

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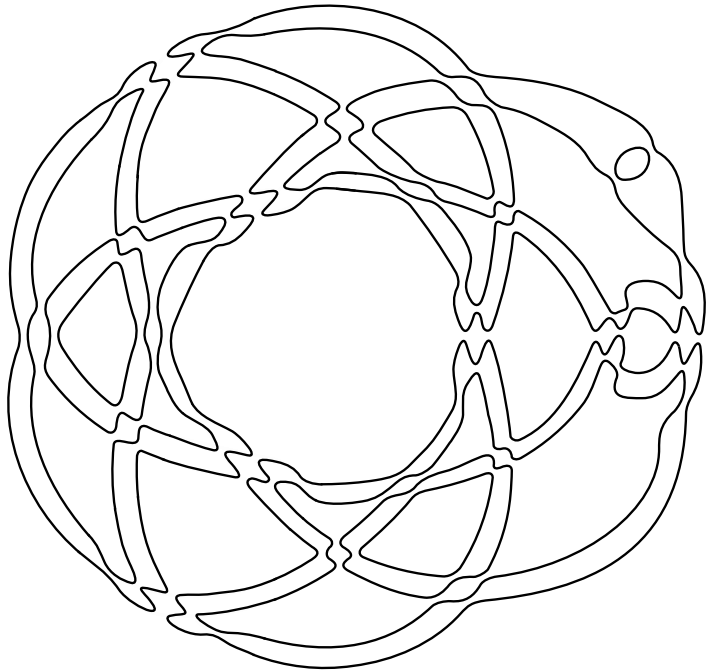

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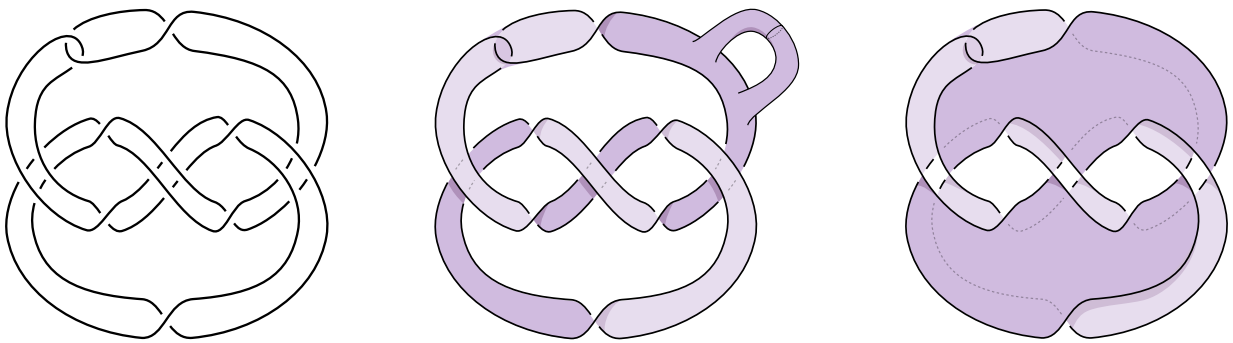

Thank You!

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