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Khovanov homology and strong inversions

There is a one-to-one correspondence between strong inversions on knots in the three-sphere and a special class of four-ended tangles. I will discuss recent work with Artem Kotelskiy and Liam Watson in which we compute the reduced Khovanov homology of such tangles for all strong inversions on knots with up to 9 crossings [arXiv: 2104.13592].