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Trisections and twists of 4-manifolds

Trisections were introduced by Gay and Kirby in 2013 as a way to study 4-manifolds. They are very similar in spirit to Heegaard splittings of 3-manifolds, and have the advantage of changing problems about manifolds into problems about diagrams. In this talk, I will give a brief introduction to trisections, and explain how they can be used to reprove a theorem of Katanaga, Saeki, Teragaito, and Yamada that relates Gluck and Price twists of 4-manifolds. This answers a recent question of Seungwon Kim and Maggie Miller.