

Reidemeister torsion and exceptional surgeries along the figure eight knot

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We will discuss the asymptotic behavior of Reidemeister torsion for the resulting manifolds by exceptional surgeries along the figure eight knot. We mainly observe the Reidemeister torsion for the manifold obtained by the toroidal surgeries with slope $+ / - 4$.

This observation gives an example of the asymptotics of Reidemeister torsion for a graph manifold.