

1070-57-291 **Kathleen Petersen*** (petersen@math.fsu.edu). *A-polynomials of a family of two-bridge knots.*
The A-polynomial is a two variable polynomial associated to a knot complement which encodes a lot of topological data about the knot complement. For a certain family of two-bridge knots containing the twist knots, we compute the A-polynomial from the $SL(2, \mathbb{C})$ character variety using field norms. (Received February 15, 2011)