

1142-57-69

**Christine Ruey Shan Lee\*** ([crslee@southalabama.edu](mailto:crslee@southalabama.edu)). *Stability and triviality of Plamenevskaya's transverse invariant from Khovanov homology.*

We prove a stability property of Plamenevskaya's transverse invariant from Khovanov homology, and use it to give families of examples of 3-6 braids for which the invariant may be used to detect non quasi-positivity. We also construct an infinite family of pretzel knots for which Plamenevskaya's invariant vanishes for every transverse link representative. This is joint work with Diana Hubbard. (Received August 27, 2018)