

Meeting: 1002, Pittsburgh, Pennsylvania, SS 1A, Special Session on Invariants of Knots and 3-Manifolds

1002-57-173 **Jim Hoste*** (jhoste@pitzer.edu), Pitzer College, 1050 N Mills Ave, Claremont, CA 91711, and
Patrick D. Shanahan (pshanahan@lmu.edu), Loyola Marymount University, 1 LMU Drive, Los Angeles, CA 90045. *Eigenvalue varieties of 2-bridge links*. Preliminary report.

We investigate the eigenvalue variety of certain infinite families of 2-bridge links. Relationships between the Newton polytope associated to the variety and the boundary slopes of the link are described. Specializations to relative A-polynomials are also given. (Received September 13, 2004)