

Meeting: 1003, Atlanta, Georgia, SS 15A, AMS Special Session on Quantum Topology, I

1003-57-1300 **Thang Le***, School of Mathematics, Georgia Institute of Technology, Atlanta, GA 30332. *The Jones polynomial and the A-polynomial of knots.*

We establish the AJ conjecture (of S. Garoufalidis) that relates the colored Jones polynomial and the A-polynomial for a large class of 2-bridge knots. (Received October 04, 2004)