

1093-57-101

Doug LaFountain* (d-lafountain@wiu.edu) and **Bill Menasco**. *The generalized Jones conjecture for closed braids.*

The generalized Jones conjecture (sometimes referred to as the *braid geography conjecture*) states that all pairs of braid index and algebraic length values realized by closed braids in a link type can be obtained by stabilizing any minimum braid index representative. First posited by Jones, this conjecture was further developed by Kawamuro and has immediate applications to contact topology. In this talk we will discuss the statement, applications and a proof of Jones' conjecture. (Received August 05, 2013)