1037-20-34   **Craig Jensen*** (`jensen@math.uno.edu`), New Orleans, LA 70148, and **Jon McCammond** and **John Meier**. *Brownstein-Lee Conjecture.*

The pure symmetric automorphism group of a free group consists of those automorphisms which send each generator to a conjugate of itself. Another way to view this group is as the group of motions of n unknotted, unlinked circles where each circle returns to its original position. In 1995, Alan Brownstein and Ronnie Lee calculate the first and second cohomology groups (including the cup product structure going from the first to the second) of the group of pure symmetric auotomorphisms of a free group of finite rank. They further conjectured what the entire cohomology ring should be. We verify this conjecture. (Received January 07, 2008)