1023-54-31   **Neil R. Nicholson*** (`nrnichol@math.uiowa.edu`), 14 MacLean Hall, Iowa City, IA 52242.
Nonalternating knots and the Jones polynomial.

Bae and Morton introduced the nonalternating skeleton for knot diagrams as a way to efficiently and combinatorially calculate the potential extreme terms of the Kauffman bracket. Utilizing it we will consider certain classes of knots and their Jones polynomials. Specifically we will show every pretzel knot has nontrivial Jones polynomial. Other results on nonalternating knots will be mentioned as well. (Received July 05, 2006)