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**Mark Brittenham\***, Department of Mathematics, Avery 203, University of Nebraska, Lincoln, NE 68588-0130. *Determining unknotting numbers*. Preliminary report.

We discuss the implementation of a random search for the unknotting numbers of knots in the 3-sphere, using the notion of knot adjacency. We also consider the implications of this search for knots whose unknotting numbers have not (yet) been determined in this way. (Received August 22, 2016)