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Claus Ernst* (claus.ernst@wku.edu), WKU, Department of Mathematics, Bowling Green, KY 42101. *Coherent and incoherent nullification of torus knots*. Preliminary report.

Nullification is a basic move used to simplify a knot. A nullification move which does (not) change the number of components of the given knot diagram is called a coherent (incoherent) nullification move. While for torus knots the coherent nullification number has been determined, the incoherent nullification number is an open question. This talk uses a combinatorial argument applied to braids to establish upper bounds on the incoherent nullification number of torus knots. (Received August 29, 2016)