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Carolyn M Yarnall* (cyarnall@gmail.com), 12607 Buckwheat Ct, San Diego, CA 92129, and
Debra Witczak. *The Genus and m-alternating Excess of Central Braid Knots.*

We define a new class of braid knots called central braid knots. Using the degree of the Alexander polynomial, we provide a formula for the genus and a bound on the crossing number for any central braid knot. The crossing number bound leads to a bound on the m-alternating excess of central braid knots. (Received September 18, 2007)