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Peter Feller* (peter.feller.2@bc.edu). *The slice genus and the Alexander polynomial.*

We discuss differences between the smooth and the topological slice genus for knots. In particular, we compare the two notions for torus knots and two-bridge knots and present the following result: For all knots, the topological slice genus is bounded above by the degree of the Alexander polynomial. (Received August 04, 2015)