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**Ryan D Budney\*** (rybu@uvic.ca), Mathematics and Statistics, University of Victoria, PO BOX 3045 STN CSC, Victoria, BC V8W 3P4, Canada. *Knot spinning*.

Given a smooth embedding of a  $k$ -sphere in an  $n$ -sphere, there are simple ways to construct embeddings of the  $(k+1)$ -sphere in the  $(n+1)$ -sphere, usually called spinning operations. I will describe these spinning operations for knots and spaces of knots, and how they relate to pseudo-isotopy/concordance embedding spaces. I will show how not all co-dimension two knots are spun, but when the co-dimension is larger than two, all knots are spun. (Received July 14, 2008)