1041-57-26    **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)