1114-57-108 **Eric J Rawdon*** (`ericrawdon@gmail.com`), Department of Mathematics, University of St. Thomas, 2115 Summit Ave, Saint Paul, MN 55105. *Subknots in Tight Knots, KnotPlot Knots, and Random Knots.*

For a fixed knot configuration, the subknots are the knot types seen in the open subarcs of the configuration. For nice knot configurations (like ones minimized with respect to some knot energy), the subknots are typically simpler knot types than the host knot type. We compare and contrast the set of subknots coming from KnotPlot configurations, tight knot configurations, and random configurations. This is joint work with Ken Millett and Andrzej Stasiak. (Received August 17, 2015)