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Rob Scharein* (rob@knotplot.com), 2116 West 6 Avenue, #211, Vancouver, BC V6K 1V6, Canada. *KnotPlot after 25 (or so) years.*

About a quarter century ago, a small group of mathematicians and other researchers began to study knots as physical objects, simulating their behaviour on a computer. One of the founders of this exciting new field was Ken Millett. Word of this activity reached this author by somewhat indirect means and eventually the software known as KnotPlot was born. Always a work in progress, it has occasionally proven useful in various studies of the physical and mathematical properties of knots, also finding applications in several other disciplines. In any event, KnotPlot was directly inspired by the work of Ken and his associates. This talk will be part review and part update, with some new directions to be revealed. (Received August 30, 2016)