Meeting: 1004, Bowling Green, Kentucky, SS 4A, Special Session on Knot Theory and Its Applications

1004-57-118 **Jonathan K. Simon*** (`jonathan-simon@uiowa.edu`), University of Iowa, Department of Mathematics, Iowa City, IA 52242, and **Gregory Buck** (`gbuck@anselm.edu`), St. Anselm College, Department of Mathematics, Manchester, NH 03102. *Packing, curvature, and tangling of filaments (III).*

We continue our study of the interplay between packing, curvature, and tangling (e.g. linking and knotting) of long filaments. (Received January 20, 2005)