1056-57-966 **Bena Tshishiku*** (tshishikub10@mail.wlu.edu), 280 High Chaparral Dr., Martinez, GA 30907, and **Dan Collins**, **Charmaine Sia**, **Rob Silversmith**, **Katherine Hawkins** and **Colin Adams**. *Knots, Sticks, and Indicatrix.* Preliminary report.

In the study of knots and their invariants, it is often fruitful to consider the discrete case, that is, knots consisting of a finite number of straight line segments. Such knots are commonly known as stick knots. A knot indicatrix is a closed curve on the sphere that stores information about the knot's differential geometry. We consider the relations between stick knots, knot indicatrices, and knot invariants such as bridge number. (Received September 22, 2009)