1117-52-91   **Valeriu Soltan***, 4400 University Drive, Fairfax, VA 22030. *On characterizations of ellipses.* Preliminary report.

We will discuss various characterizations of ellipses among convex curves in terms of properties of their midcurves and a new conjecture dealing with an affine version of a "rectangular" property of circles. (Received January 05, 2016)