1099-42-352   **Oleksandra V Beznosova*** (`alexbeznosova@yahoo.com`), 62 Cottonwood st apt 6, Waco, TX 76706, and **Paul A Hagelstein**. *Continuity of halo functions associated to homothecy invariant density bases.* Preliminary report.

We will present our recent result on the continuity of the halo function. In particular, we show that the halo function associated to any homothecy invariant density basis is a continuous function on $(1, \infty)$ and give an example of a homothecy invariant density basis such that the associated halo function is not continuous at 1. (Received February 11, 2014)