1120-46-275 Ben Li* (bx1292@case.edu), 12000 Fairhill Road. Apt 710, Cleveland, OH 44120, and Elisabeth Werner. Affine invariant points for functions.

Gruenbaum introduced affine invariant points and mappings for convex bodies and Meyer Schuett and Werner carried out an extensive study of these notions.

We introduce them for log-concave and s-concave functions. We give new examples of affine invariant points and mappings for functions, e.g., the John function, the Loewner function and the floating function. (Received February 23, 2016)