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V. Soltan* (vsoltan@gmu.edu), George Mason University, 4400 University Drive, MS 3F2, Fairfax, VA 22030. *Convex hypersurfaces with hyperplanar intersections of their homothetic copies*. Preliminary report.

We describe all convex hypersurfaces S in \mathbb{R}^n , possibly unbounded, such that the intersection of S and any homothetic copy of S lies in a hyperplane. (Received December 05, 2014)