Mikhail I. Ostrovskii* (ostrovsm@stjohns.edu), Department of Mathematics and Comp.Sci., St. John’s University, 8000 Utopia Parkway, Queens, NY 11439. Low-distortion embeddings of graphs with large girth.

There exist families of graphs with indefinitely growing girths which admit uniformly bilipschitz embeddings into $\ell_1$, and thus do not weakly contain any families of expanders. (Received September 15, 2015)