1097-51-51 **Leonid V. Kovalev*** (lvkovale@syr.edu). *Bi-Lipschitz embedding of projective metrics.*

A metric on a convex subset of Euclidean space is called projective if line segments are unique geodesics. We give a sufficient condition for a projective metric to admit a bi-Lipschitz embedding into Euclidean space of the same dimension, with the standard metric. It remains unknown if every doubling projective metric can be embedded into a standard-metric Euclidean space by a bi-Lipschitz map. (Received January 03, 2014)