1047-53-296   **Mohammad Ghomi*** (`ghomi@math.gatech.edu`), School of Mathematics, Georgia Tech, Atlanta, GA 30332, and **Robert E Greene**, Department of Mathematics, UCLA, Los Angeles, CA 90095. *Relative isometric embeddings of Riemannian manifolds.*

We prove the existence of C^1 isometric embeddings, and C^∞ approximate isometric embeddings, of Riemannian manifolds into Euclidean space with prescribed values in a neighborhood of a point. (Received January 31, 2009)