1021-35-229   **Eun Heui Kim*** (`ekim4@csulb.edu`), 1250 Bellflower Blvd., Department of Mathematics, California State University Long Beach, Long Beach, CA 90840-1001. *Subsonic solutions for transonic potential flows.*

We discuss gradient estimates and existence results for subsonic solutions of transonic potential flows in multidimensional conservation laws. (Received September 06, 2006)