1020-30-61   **Leonid Kovalev**, Texas A & M University, College Station, TX 77843, **Diego Maldonado**, Kansas State University, Manhattan, KS 66506, and **Jang-Mei Wu*** (`wu@math.uiuc.edu`), University of Illinois, Urbana, IL 61801. *Isotropic Doubling Measures, δ-Monotonicity and Quasiconformal Jacobian.* Preliminary report.

Isotropic doubling measures and δ-monotone functions appear naturally when we study the quasiconformal Jacobian problem and the extension of the doubling-quasisymmetry relation from the line to the space $R^n (n \geq 2)$. We discuss these connections. (Received August 09, 2006)