1009-20-69   **Ted Turner*** (`ted@math.albany.edu`), Dept. of Math, University at Albany, Albany, NY 12222.
The density of monomorphisms of free groups. Preliminary report.

We discuss the proof of the following theorem.

THEOREM: In the set of all homomorphisms of one free group to another, the set of monomorphisms has measure 1 and the set of epimorphisms has measure 0.

A somewhat counter-intuitive corollary is that among the maps from F_{100} to F_2, almost all are $(1-1)$ and almost none are onto. This is joint work with Armando Martino and Enric Ventura. (Received August 03, 2005)