1025-57-146   **Patrick M Gilmer*** (`gilmer@math.lsu.edu`). *Congruence and Similarity of 3-manifolds.* Preliminary report.

We will discuss Lackenby's notion of f-congruence of 3-manifolds and its relation to f-similarity. Both are equvialence relations based on surgery. We discuss consequences for cohomology and quantum invariants. (Received January 23, 2007)