1047-20-195   **Daniel P. Groves*** (`groves@math.uic.edu`), MSCS, UIC, 322 SEO, M/C 249, 851 S. Morgan St., Chicago, IL 60607. *Classifying surface bundles.*

Let S be an orientable surface of finite type, and B a reasonable space (CW complex, or manifold). The set of isomorphism classes of S-bundles over B is naturally parametrized by the set of conjugacy classes of homomorphisms from the fundamental group of B to Mod(S), the mapping class group of S.

I'll describe some work in progress which gives a general structure theory for this set, for an arbitrary B with finitely generated fundamental group. (Received January 28, 2009)