1011-20-169 Jon McCammond* (jon.mccammond@math.ucsb.edu), Department of Math, UC Santa Barbara, Santa Barbara, CA 93106. Artin groups in a continuous context. Preliminary report.
In the same way that fundamental groups of hyperbolic manifolds can be viewed as discrete subgroups of continuous groups, Artin groups also can be viewed as discrete subgroups of some naturally-defined continuous groups that have to date received essentially no attention. In this talk I will describe these continuous groups and the Artin groups they contain using one particular example to illustrate the general situation. (Received August 24, 2005)