1030-03-251   **Michael J Lieberman*** (`liebermm@umich.edu`), Department of Mathematics, University of Michigan, 530 Church St, Ann Arbor, MI 48109. *Galois Types and Topology.*

I present a way of topologizing sets of Galois types over structures in AECs with amalgamation. While the topological spaces thus produced are not, strictly speaking, generalizations of the spaces of syntactic types familiar from first order logic, they are potentially interesting for similar reasons. In particular, there are natural correspondences between topological properties of the spaces and semantic properties of the AEC. Tameness, for example, emerges as a separation principle. I outline a few of these correspondences and sketch ways in which this picture could yield dividends in the future study of AECs. (Received August 04, 2007)