1037-11-289 Marius M Somodi* (somodi@uni.edu), Department of Mathematics, University of Northern Iowa, Cedar Falls, IA 50614. Wild sets of Hilbert symbol self-equivalences. Preliminary report. A Hilbert symbol self-equivalence of a number field K is a pair of mappings (t, T), where t is an automorphism of the square class group of K and T is a bijection from the set of places of K to itself, that preserves the Hilbert symbols. A finite place P of K is called *tame* with respect to (t, T) if t maps square classes of units at P to square classes of units at T(P) and square classes of primes at P to square classes of primes at T(P). Finite places that are not tame are called wild. The set of all the places of K that are wild with respect to (t, T) is called the wild set of (t, T). This talk will focus on the structure of the finite wild sets of Hilbert symbol self-equivalences. (Received February 04, 2008)