1106-03-145Anand Pillay* (anand.pillay.3@nd.edu), University of Notre Dame, Notre Dame, IN 46556.
Topological dynamics and definable groups.

Topological dynamics is the theory of actions of groups on compact spaces by homeomorphisms. I will discuss recent interactions with model theory, especially with generalized stable group theory. On the one hand notions from topological dynamics supply new inariants for definable groups. On the other hand model theory can provide some new invariants for discrete groups. (Received September 12, 2014)