1125-37-2341 **Vaughn Climenhaga*** (`climenha@math.uh.edu`). *Tower constructions in smooth and symbolic dynamics.*

Existence, uniqueness, and statistical properties of invariant measures for dynamical systems with hyperbolic behavior can be studied by constructing a certain "tower" that represents the system as a suspension over the full shift on a countable alphabet. I will discuss recent results that permit this construction to be carried out under relatively weak hypotheses. (Received September 20, 2016)