## 1108-37-430Vaughn Climenhaga\* (climenha@math.uh.edu), Dmitry Dolgopyat and Yakov Pesin.<br/>Effective hyperbolicity and SRB measures.

We describe a notion of "effective hyperbolicity" that can be used to prove Hadamard-Perron theorems and establish existence of SRB measures for non-uniformly hyperbolic systems, even in the absence of the usual tools such as a dominated splitting or countable Markov structure. (Received January 19, 2015)