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**Hongwei Mei\*** (ev0554@wayne.edu) and **George Yin.** *Strong Invariance for Switching Diffusions.*

This work is concerned with switching diffusions in which the switching depends on the diffusion process. It has been shown in the literature that if such a process is positive recurrent then it is ergodic. This paper further develops a law of iterated logarithms for the estimates on the aforementioned convergence rate. The law of iterated logarithms gives us a sharp bound on the estimation error sequence. (Received November 02, 2014)