1151-60-209   **Hoi Nguyen***, 231 West 18th Avenue, Columbus, OH. *Norm of product of many large random matrices.*

Suppose that $A_1, \ldots, A_N$ are independent random matrices of size n whose entries are iid copies of a random variable ξ of mean zero and variance one. It is known from the late 80s that when ξ is standard Gaussian then $N^{-1} \log \|A_N \ldots A_1\|$ converges to $\log \sqrt{n}$ as $N \to \infty$. We will establish similar results for more general matrices with explicit rate of convergence. (Received August 19, 2019)