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Scott N Armstrong and **Hung V Tran*** (hung@math.uchicago.edu). *Stochastic homogenization of viscous Hamilton–Jacobi equations.*

We present qualitative stochastic homogenization results for viscous Hamilton–Jacobi equations under very general assumptions. The argument is new and based only on the subadditive structure of maximal subsolutions (solutions of the “metric problem”). The hypotheses allow for non-uniformly coercive Hamiltonians which satisfy an averaging condition. (Received August 02, 2013)