1035-60-737 **Jonathon Peterson*** (`jpeters@math.umn.edu`), 5942 2nd St. NE, Fridley, MN 55432. *Quenched limits for a transient one-dimension random walk in random environment.*

For a transient, one-dimensional random walk in random environment, Kesten, Kozlov, and Spitzer ('75) proved that the annealed limiting distribution of the random walk was related to a stable distribution. We instead study the quenched behavior of the random walk and show that there are no quenched limiting distributions for the random walk. In particular, in the positive speed regime we can find two random subsequences (depending on the environment) along which the limiting distribution of the random walk is either a Gaussian or a reverse exponential distribution. (Received September 14, 2007)