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Sarah Bailey and **Karl Petersen***, Department of Mathematics, CB 3250 Phillips Hall, UNC, Chapel Hill, NC 27599. *Adic transformations and random walks, II*. Preliminary report.

We continue discussion of various adic systems associated to reinforced random walks on graphs. We show that when the natural reinforced walk measure (determined by the growing weights on the edges) is adic invariant, its ergodic decomposition is related to the Coppersmith-Diaconis/Keane-Rolles densities of the asymptotic proportions of traversals of each edge. We also analyze the first examples coming from proper subshifts. (Received August 21, 2006)