1063-60-23   **Barry C. Arnold*** (`barry.arnold@ucr,edu`). *Birthdays, Coupons, Hat-checks and Schur.*

The classical birthday, coupon collector and hatcheck problems are investigated with special reference to the effect of (1) eliminating exchangeability assumptions, and (2) introducing the possibility of imperfect recognition. The variability ordering of majorization is found to be useful in gauging the effect of inhomogeneity of the component probabilities in the three problems. (Received June 24, 2010)