

1014-Z1-1768      **Jeffrey A. Ehme\*** (jehme@spelman.edu), Dept of Math, Box 214, Spelman College, Atlanta, GA 30314, and **Colm Mulcahy**, Spelman College. *An Earnest, Hamming Way to do Magic.*

Elementary linear codes can form the basis for some two-person, mathematical magic effects. We explore situations where cards are selected at random by a spectator, and put on display, whereupon you request a minor alteration of the chosen cards. Your accomplice, who has been trained in advance, now enters the room, surveys the scene, and quickly announces what was changed. (Received September 30, 2005)