1161-05-209   **Joe Briggs** and **Chris Cox*** (`cocox@iastate.edu`). *Restricted online Ramsey numbers for matchings.*

Consider a two-player game between players Builder and Painter. Painter begins the game by picking a coloring of the edges of K_n, which is hidden from Builder. In each round, Builder points to an edge and Painter reveals its color. Builder's goal is to locate a large monochromatic matching in Painter's coloring by revealing the color of as few edges as possible. We show that if Painter has access to t colors, then Builder can locate a monochromatic matching on at least $\frac{n-t+1}{t+1}$ edges by revealing at most $O(n \log t)$ edges. Time permitting, we will discuss results pertaining to the game wherin Builder is instead tasked with locating a large tree. (Received August 17, 2020)