1011-05-200   **Joohyung Kim*** (`kimjh@iastate.edu`), 396 Carver, Ames, IA 50011, and **Sung Y. Song** (`sysong@iastate.edu`), 396 Carver, Ames, IA 50011. *Characterization of some strongly regular graphs on 64 vertices.* Preliminary report.

We will discuss some characterization problems of strongly regular graphs with parameters (64, 28, 12, 12) coming from Hamming cubes, mutually orthogonal Latin squares, orthogonal arrays, and Hadamard matrices. (Received August 26, 2005)