

1023-M1-1905 **W D Wallis*** (wdwallis@math.siu.edu), Department of Mathematics, Southern Illinois University, Carbondale, IL 62901-4408. *One-and-one-third orthogonal Latin squares*. Preliminary report.

A sudoku-type array is a special Latin square. As such, it can be interpreted as a type of experimental design, that lies between designs formed from a Latin square and designs formed from two orthogonal Latin squares. (Received September 27, 2006)