

1106-28-1001      **Dan Mauldin\***, mauldin@unt.edu. *Some unsolved and recently solved problems from the Scottish Book*. Preliminary report.

The Scottish Book, formulated in the Scottish Cafe in Lvov, Poland mainly during the 1930's, generated many outstanding problems and directions in mathematics. I will discuss some problems from the Scottish Book that have been solved in the past few years including: (1) Fefferman's solution to Problem 15 of Schauder, (2) partial solutions to Ulam's Problem 38 on random directed graphs, (3) von Neumann's problem 163 concerning measures on Boolean algebras and (4) some other partially solved or unsolved problems - time permitting. (Received September 09, 2014)