

Contents

Part I The Scottish Book Conference Lectures

1	An Anecdotal History of the Scottish Book, <i>S. Ulam</i>	3
2	A Personal History of the Scottish Book, <i>Mark Kac</i>	13
3	Steinhaus and the Development of Polish Mathematics, <i>A. Zygmund</i> ..	21
4	My Scottish Book ‘Problems’, <i>Paul Erdős</i>	27
5	KKM-Maps, <i>Andrzej Granas</i>	35
5.1	Definition and examples	35
5.2	Ky Fan fixed point theorem and the minimax inequality	39
5.3	KKM-maps and variational inequalities	41
5.4	KKM-maps and the theory of games	43
5.5	Bibliographical and historical comments	45
	References	47

Part II The Scottish Book Problems

6	Problems with Commentary	51
7	Appendices to the Problems	283
7.1	Problem Subject Index	283
7.2	Authors of the problems	285
7.3	Problems of Note	287

Part III A Brief History of Wrocław’s New Scottish Book

8	Lwów of the West, <i>P. Biler, P. Krupski, G. Plebanek</i> and <i>W. A. Woyczyński</i>	291
----------	---	-----

Part IV The New Scottish Book

9	Selected Problems	299
----------	--------------------------------	-----

The Scottish Book

Mathematics from The Scottish Café, with Selected
Problems from The New Scottish Book

Mauldin, R.D. (Ed.)

2015, XVIII, 322 p. 23 illus., 4 illus. in color., Hardcover

ISBN: 978-3-319-22896-9

A product of Birkhäuser Basel