CONTEMPORARY MATHEMATICS

84

Partition Problems in Topology

Stevo Todorcevic



CONTENTS

	Preface	xi
	Introduction	1
).	The role of countability in (S) and (L)	3
1.	Oscillating real numbers	15
2.	The conjecture (S) for compact spaces	23
3.	Some problems closely related to (S) and (L)	27
4.	Diagonalizations of length continuum	35
5.	(S) and (L) and the Souslin Hypothesis	45
6.	(S) and (L) and Luzin spaces	49
7.	Forcing axioms for ccc partitions	57
8.	Proper forcing axiom and partitions	71
9.	(S) and (L) are different	91
	References	103
	Index of symbols	113
	Index of terms	115