

TABLE OF CONTENTS

	Preface	vii
	Work in operator theory by <i>Donald Sarason</i>	ix
	Work in Ergodic theory by <i>Nathaniel Friedman</i>	xv
	Bibliography	xxi
	Permissions	xxvii
[1939 a]	Invariants of certain stochastic transformations: the mathematical theory of gambling systems	1
[1942 d]	On monothetic groups	20
[1942 e]	Operator methods in classical mechanics, II	24
[1943]	On automorphisms of compact groups	43
[1944 a]	Approximation theories for measure preserving transformations	49
[1944 d]	In general a measure preserving transformation is mixing	68
[1947 c]	Invariant measures	75
[1949 b]	Application of the Radon–Nikodym theorem to the theory of sufficient statistics	95
[1950 a]	Normal dilations and extensions of operators	113
[1950 b]	Commutativity and spectral properties of normal operators	123
[1950 c]	The marriage problem	128
[1952 a]	Spectra and spectral manifolds	131
[1952 b]	Commutators of operators	139
[1953 a]	Square roots of operators	144
[1954 a]	Commutators of operators, II	153
[1958 b]	Products of symmetries	161
[1961 c]	Shifts on Hilbert spaces	164
[1963 c]	Partial isometries	175
[1963 d]	Algebraic properties of Toeplitz operators	187
[1964 a]	Numerical ranges and normal dilations	201
[1965 b]	Cesàro operators	207
[1966]	Invariant subspaces of polynomially compact operators	221
[1968 b]	Irreducible operators	227
[1968 c]	Quasitriangular operators	237
[1969 a]	Invariant subspaces 1969	249
[1969 b]	Two subspaces	275

TABLE OF CONTENTS

[1970 d]	Ten problems in Hilbert space	285
[1971 a]	Capacity in Banach algebras	333
[1972 a]	Continuous functions of Hermitian operators	342
[1972 b]	Positive approximants of operators	345
[1972 c]	Products of shifts	355
[1973 b]	Limits of shifts	365
[1974 a]	Spectral approximants of normal operators	375
[1976 c]	Some unsolved problems of unknown depth about operators on Hilbert space	383
[1979 b]	Ten years in Hilbert space	393
[1980 a]	Limsups of Lats	429
[1982 d]	Asymptotic Toeplitz operators	449