

CONTENTS

	Foreward	7
	List of participants	8
	Programme of the conference	10
ALBRECHT, E.	Spectral interpolation	13
BARTÍK, V.; JOHN, K.; KORBAŠ, J.	Tensor products of operators and Horn's inequality	39
CEAUȘESCU ZOIA; SUCIU, I.	Isometric dilations of commuting contractions. III	47
CHEVREAU, B.; ESTERLE, J.	Banach algebra techniques and spectra of functions of operators	61
CONSTANTINESCU, T.	An algorithm for the operatorial Carathéodory-Fejér problem	81
DAZORD, J.	Invariant subspaces of functions of the shift	109
ESCHMEIER, J.	Some remarks concerning the duality problem for decomposable systems of commuting operators	115
GAȘPAR, D.; SUCIU, N.	On the structure of isometric semigroups	125
GHEONDEA, A.	On the geometry of pseudo-regular subspaces of a Krein space	141
HEINIG, G.; SILBERMAN, B.	Factorization of matrix functions in algebras of bounded functions	157
JONAS, P.	Regularity criteria for critical points of definitizable operators	179
NEIDHARDT, H.	A dissipative scattering theory	197
PELLER, V.V.	Nuclear Hankel operators acting between H^p spaces	213
POPA, S.	On derivations into the compacts and some properties of type II_1 factors	221

RADJABALIPOUR, M.	Local inverses of spectral operators	229
SAINA, D.M.	Opérateurs à image fortement fermée	235
SINCLAIR, A.M.	The Banach algebra generated by a derivation	241
STOCHEL, J.	On the Sz.-Nagy boundedness condition on non-abelian involutory semigroups	251
STOCHEL, J.; SZAFRANIEK, F.H.	A characterization of subnormal operators	261
VASILESCU, F.-H.	Non-linear objects in the linear analysis	265
WIDOM, H.	A spectral asymptotic expansion for pseudo-differential operators	279
ZAJAC, M.	Hyperinvariant subspaces of weak contractions	291
	Problem list	301