

C O N T E N T S

SCIENTIFIC PROGRAMME OF THE SYMPOSIUM	ix
SHMUEL AGMON	
Remarks on self-adjoint and semi-bounded elliptic boundary value problems	1
ICHIRO AMEMIYA	
On ordered topological linear spaces	14
RICHARD F. ARENS	
The analytic-functional calculus in commutative Banach algebras	24
NACHMAN ARONSZAJN	
Quadratic forms on vector spaces	29
LIPMAN Bers	
Completeness theorems for Poincaré series in one variable	88
FRANK F. BONSALL	
Semi-algebras of continuous functions	101
JEAN ALEXANDRE DIEUDONNE	
Quasi-hermitian operators	115
ARYEH DVORETZKY	
Some results on convex bodies and Banach spaces	123
LEON EHRENPREIS	
A fundamental principle for systems of linear differential equations with constant coefficients and some of its applications	161
GAETANO FICHERA	
Spazi lineari di k -misure e di forme differenziali	175
ROBERT E. FULLERTON	
Geometrical characterizations of certain function spaces	227
EMILIO GAGLIARDO	
A unified structure in various families of function spaces. Compactness and closure theorems	237
ISRAEL HALPERIN	
Function spaces	242
HENRY HELSON AND DAVID LOWDENSLAGER	
Invariant subspaces	251
EINAR HILLE	
Linear differential equations in Banach algebras	263

JEAN-PIERRE KAHANE		
Fonctions pseudo-périodiques dans R^p		274
VICTOR KLEE		
Relative extreme points		282
GOTTFRIED KÖTHE		
Probleme der Linearen Algebra in topologischen Vektorräumen		290
PETER D. LAX		
Translation invariant spaces		299
WILHELMUS A. J. LUXEMBURG		
On closed linear subspaces and dense linear subspaces of locally convex topological linear spaces		307
GEORGE W. MACKEY		
Induced representations and normal subgroups		319
JOSE L. MASSERA		
Function spaces with translations and their application to linear differential equations		327
JAN MIKUSINSKI		
Operations on distributions		335
LEOPOLDO NACHBIN		
Some problems in extending and lifting continuous linear transformations		340
LOUIS NIRENBERG		
Inequalities in boundary value problems for elliptic differential equations		351
WŁADYSŁAW ORLICZ		
On spaces of ϕ -integrable functions		357
RALPH S. PHILLIPS		
The extension of dual subspaces invariant under an algebra		366
GUIDO STAMPACCHIA		
Régularisation des solutions de problèmes aux limites elliptiques à données discontinues		399
MARSHALL H. STONE		
Hilbert space methods in conformal mapping		409
ANGUS E. TAYLOR		
Spectral theory and Mittag-Leffler type expansions of the resolvent		426
JOHN WERMER		
Subalgebras of $C(X)$		441
ADRIAAN C. ZAANEN		
Banach function spaces		448