

No.	タイトル	講演者	シリーズ	請求記号		
1	The role of vector and operator valued measures in functional analysis and probability	Pesi Rustom Masani	ARML ; 01	MAS	11	2
2	On local solvability of linear partial differential equations	Francois Treves	ARML ; 02	TRE	3	4
3	The theory of decision problems in group theory: a survey	W. W. Boone (William W.)	ARML ; 03	BOO	7	1
4	Recent developments in fixed-point theory	Edward R. Fadell	ARML ; 04	FAD	4	1
5	The periodicity theorem for the classical groups and some of its applications	Raoul Bott	ARML ; 05	BOT	1	2-1
6	The periodicity theorem for the classical groups and some of its applications	Raoul Bott	ARML ; 05	BOT	1	2-2
7	Harmonic analysis on semisimple lie groups	Harish-Chandra	ARML ; 06	HAR	33	2-1
8	Harmonic analysis on semisimple lie groups	Harish-Chandra	ARML ; 06	HAR	33	2-2
9	On the existence and uniqueness of triangulations of manifolds	Robion C Kirby	ARML ; 07	KIR	4	1
10	Vector fields and Gauss-Bonnet	Paul Frank Baum	ARML ; 08	BAU	10	1
11	K_2 of global fields	John Torrence Tate	ARML ; 09	TAT	3	1
12	K_2 of global fields	Hyman Bass	ARML ; 10	BAS	5	3
13	Systems of ordinal functions and functionals	Solomon Feferman	ARML ; 11	FEF	1	1
14	Free boundary problems for parabolic equations	Avner Friedman	ARML ; 12	FRI	5	5
15	On univalent functions with univalent derivatives	Swarupchand M. Shah	ARML ; 13	SHA	13	1
16	Shifts and Hilbert space factorization problems	Marvin Rosenblum	ARML ; 14	ROS	29	1
17	Higher derivations and automorphisms of complete local rings	Nikolas Heerema	ARML ; 15	HEE	3	1
18	Recent results on doubly transitive groups	Ernest E Shult	ARML ; 16	SHU	4	1
19	Foliations and noncompact transformation groups	Morris W Hirsch	ARML ; 17	HIR	7	1

No.	タイトル	講演者	シリーズ	請求記号		
20	Acyclicity in 3-manifolds	Daniel Russell McMillan	ARML ; 18	MAC	53	1
21	Rigorous quantum field theory models	James G. Glimm	ARML ; 19	GLI	2	2
22	The concept of torsion and Gorenstein rings	Maurice Auslander	ARML ; 20	AUS	5	2
23	Vector fields on manifolds	Michael F. Atiyah	ARML ; 21	ATI	1	3
24	Integration of complex vector fields	Joseph John Kohn	ARML ; 22	KOH	2	2
25	Finite groups generated by transvections	Jack E. McLaughlin	ARML ; 23	MAC	52	1
26	Geometry of numbers of convex bodies	Kurt Mahler	ARML ; 24	MAH	4	1
27	Bounded convergence of analytic functions	Lee A. Rubel	ARML ; 25	RUB	5	1
28	Finite dimensional H-spaces	Morton Landers Curtis	ARML ; 26	CUR	8	1
29	Ordinal solution of G games	David Blackwell	ARML ; 27	BLA	10	3
30	Aspects of the theory of spherical functions	Ramesh Gangolli	ARML ; 28	GAN	2	1
31	Some probability results connected with Diophantine approximation	Patrick P. Billingsley	ARML ; 29	BIL	2	4
32	Differential algebraic geometry and transcendence	James B. Ax	ARML ; 30	AX	1	1
33	How functional analysis and approximation theory mix today with numerical analysis	Richard S Varga	ARML ; 31	VAR	2	2
34	Representations of algebras by continuous sections	Karl Heinrich Hofmann	ARML ; 32	HOF	4	3
35	Topology of 3-manifolds	R. H. Bing	ARML ; 33 Colloquium series 33, Part 1-2	BIN	1	2-1
36	Topology of 3-manifolds	R. H. Bing	ARML ; 33 Colloquium series 33, Part 3-4	BIN	1	2-2
37	Light open maps on n-manifolds	Erik Hemmingsen	ARML ; 34	HEM	3	1

No.	タイトル	講演者	シリーズ	請求記号		
38	The isomorphism problem in ergodic theory	Donald S. Ornstein	ARML ; 35	ORN	1	1
39	Simple groups of low 2-rank	Daniel Gorenstein	ARML ; 36	GOR	2	2
40	Some nonlinear stochastic growth models	Harry Kesten	ARML ; 37	KES	2	2
41	Some open questions in the theory of singularities	Oscar Zariski	ARML ; 38	ZAR	1	6
42	Ergodic theory and geodesic flow on surfaces of negative curvature	Eberhard Hopf	ARML ; 39	HOP	2	3
43	Recent developments in infinite dimensional holomorphy	Leopoldo Nachbin	ARML ; 40	NAC	1	6
44	Recent results in the algebraic theory of minimal sets	Robert Ellis	ARML ; 41	ELL	2	2
45	Symmetry in manifold theory	Dennis Sullivan (Dennis Pa	ARML ; 42	SUL	3	1
46	Automorphisms of linear groups	O T O'Meara (Onorato Tim	ARML ; 43	OME	1	2
47	Linearly compact Lie modules	Robert J. Blattner	ARML ; 44	BLA	21	1
48	Eichler cohomology and the Fourier coefficients of automorphic forms	Marvin Isadore Knopp	ARML ; 45	KNO	2	2
49	Fixed-point theorems in functional analysis	Ky Fan	ARML ; 46	FAN	2	2
50	Infinite loop spaces	J. M. Boardman (John Mich	ARML ; 47	BOA	3	1
51	The structure of the centralizer of involutions in finite simple groups	John H Walter	ARML ; 48	WAL	18	1
52	Local Diophantine equations	Simon Kochen	ARML ; 49	KOC	5	1
53	Developments in the theory of Schauder bases	Charles W. McArthur	ARML ; 50	MAC	62	1
54	Conjugacy problems in discrete dynamical systems	Joel W Robbin	ARML ; 51	ROB	17	1
55	Recent progress on the isomorphism problem in ergodic theory	Benjamin Weiss	ARML ; 52	WEI	16	1
56	Uniformization, moduli and Kleinian groups	Lipman Bers	ARML ; 53, Part 1-2	BER	18	7-1
57	Uniformization, moduli and Kleinian groups	Lipman Bers	ARML ; 53, Part 3-4	BER	18	7-2

No.	タイトル	講演者	シリーズ	請求記号		
58	Quasi-analyticity and semigroups	J W Neuberger (John W.)	ARML ; 54	NEU	7	1
59	Locally flat embeddings of manifolds	J C Cantrell (James Cecil)	ARML ; 55	CAN	10	1
60	Smooth actions of compact groups on manifolds	Ted E. Petrie	ARML ; 56	PET	23	1
61	Missed opportunities	Freeman J Dyson	ARML ; 57	DYS	1	2
62	Frobenius and the Hodge filtration	Barry Mazur	ARML ; 58	MAZ	2	2
63	Set theory and general topology	Mary Ellen Rudin	ARML ; 59	RUD	2	1
64	Some applications of an axiomatic theory of sheaves	Myles Tierney	ARML ; 60	TIE	3	2
65	Equivariant real algebraic differential topology	Richard S Palais	ARML ; 61	PAL	1	5
66	Foliations of compact manifolds	H. Blaine Lawson	ARML ; 62	LAW	3	1
67	Lie dynamical systems	Lawrence Markus	ARML ; 63	MAR	35	2
68	The deficiency index problem for ordinary selfadjoint differential operators	Allen Devinatz	ARML ; 64	DEV	4	1
69	On automorphism groups of induced CR structure	Hugo Rossi	ARML ; 65	ROS	27	2
70	The structure of attractors	Robert F Williams	ARML ; 66	WIL	50	1
71	Complexity of statement, computation and proof	Jacob T Schwartz	ARML ; 67	SCH	4	6
72	Powers of singular cardinals	Robert M Solovay	ARML ; 68	SOL	6	1
73	Determination of codon frequencies and sequence structure of polynucleotides	Hans J. Bremermann	ARML ; 69	BRE	3	2
74	A global dynamical scheme for vertebrate embryology	René Thom	ARML ; 70	THO	12	2
75	Groups with a single defining relation	Gilbert Baumslag	ARML ; 71	BAU	5	3
76	The horseshoe crab eye : a little nervous system whose dynamics are solvable	Bruce Knight	ARML ; 72	KNI	2	1
77	Irregularities of distribution in Euclidean n-space	Wolfgang M Schmidt	ARML ; 73	SCH	97	2
78	The closing lemma revisited	Charles C. Pugh	ARML ; 74	PUG	2	1

No.	タイトル	講演者	シリーズ	請求記号		
79	A general theory of identities of the Rogers-Ramanujan type	George E Andrews	ARML ; 75	AND	18	2
80	Submanifolds of Riemannian manifolds	Chuan-Chi Hsiung	ARML ; 76	HSI	1	1
81	Bounds for the chromatic number	Herbert S Wilf	ARML ; 77	WIL	31	3
82	Some biological and mathematical aspects of cellular dynamics	Joseph H Higgins	ARML ; 78	HIG	4	1
83	Dynamical systems, filtrations and entropy	Shub, M.	ARML ; 79	SHU	5	1
84	Noncommutative localization	Joachim Lambek	ARML ; 80	LAM	4	4
85	Applications of global analysis to economics, electrical circuits and celestial mechanics	Stephen Smale	ARML ; 81 Colloquium series 81, Lecture 1	SMA	1	1a
86	Applications of global analysis to economics, electrical circuits and celestial mechanics	Stephen Smale	ARML ; 81 Colloquium series 81, Lecture 2	SMA	1	1b
87	Applications of global analysis to economics, electrical circuits and celestial mechanics	Stephen Smale	ARML ; 81 Colloquium series 81, Lecture 3	SMA	1	1c
88	Prebiatic polymer synthesis and evolution as a stability problem	Agnessa Babloyantz	ARML ; 82	BAB	6	1
89	Representation of non-Desarguesian projective planes in projective hyperspace	R. C. Bose (Raj Chandra)	ARML ; 83	BOS	2	3
90	Monotonicity and magnetism	Seymour Sherman	ARML ; 84	SHE	8	1
91	The index of elliptic operators	Michael F. Atiyah	ARML ; 85 Colloquium series 85, Part 1	ATI	1	5a

No.	タイトル	講演者	シリーズ	請求記号		
92	The index of elliptic operators	Michael F. Atiyah	ARML ; 85 Colloquium series 85, Part 2	ATI	1	5b
93	The index of elliptic operators	Michael F. Atiyah	ARML ; 85 Colloquium series 85, Part 3	ATI	1	5c
94	The index of elliptic operators	Michael F. Atiyah	ARML ; 85 Colloquium series 85, Part 4	ATI	1	5d

※ ARML="Audio-recordings of mathematical lectures"

No.	タイトル	講演者	会議名	請求記号		
1	Analyticity properties of scattering amplitudes: A review of some recent developments 外 session 1, 13	D. Iagolnitzer	International Symposium on Mathematical Problems in Theoretical Physics 1975 ; pt. 1	INT	155	1975a
2	Micro-local calculus 外 session 11	M. Kashiwara	International Symposium on Mathematical Problems in Theoretical Physics 1975 ; pt. 2	INT	155	1975b
3	Particles and bound states and progress toward unitarity and scaling 外 session 2, 23, 3, 4	James Glimm	International Symposium on Mathematical Problems in Theoretical Physics 1975 ; pt. 3	INT	155	1975c
4	Results and problems in irreversible statistical mechanics of open systems 外 session 21, 23, 31, 33	Klaus Hepp	International Symposium on Mathematical Problems in Theoretical Physics 1975 ; pt. 4	INT	155	1975d
5	Relaxation and fluctuation of macrovariables 外 session 4, 41, 43, 5, 53	Ryogo Kubo	International Symposium on Mathematical Problems in Theoretical Physics 1975 ; pt. 5	INT	155	1975e
6	Inequalities, decay of correlations and analyticity and uniqueness of equilibrium states 外 session 5, 51, 53, 6, 61	Joel L. Lebowitz	International Symposium on Mathematical Problems in Theoretical Physics 1975 ; pt. 6	INT	155	1975f
7	Convolutors for ultrahyperfunctions 外 session 11, 63	Mitsuo Morimoto	International Symposium on Mathematical Problems in Theoretical Physics 1975 ; pt. 7	INT	155	1975g
8	The structure of a von Neumann algebras of type III and Non-Abelian cohomology	Masamichi Takasaki	Japan-U.S. Seminar on C*-algebras and applications to physics, May 20-24, 1974 ; 1	JAP	5	1974-1
9	Foundation of noncommutative fourier analysis 外	Mionoru Tomita	Japan-U.S. Seminar on C*-algebras and applications to physics, May 20-24, 1974 ; 2	JAP	5	1974-2
10	The cluster decomposition property and factor states of UHF algebras 外	Robert T. Powers	Japan-U.S. Seminar on C*-algebras and applications to physics, May 20-24, 1974 ; 3	JAP	5	1974-3
11	On an invariant for an automorphism group of a von Neumann algebra 外	Yoshiomi Nakagami	Japan-U.S. Seminar on C*-algebras and applications to physics, May 20-24, 1974 ; 4	JAP	5	1974-4
12	Quantum field theory	Arthur M. Jaffe	Japan-U.S. Seminar on C*-algebras and applications to physics, May 20-24, 1974 ; 5	JAP	5	1974-5
13	An application of relative hamiltonians to statistical mechanics	Huzihiro Araki	Japan-U.S. Seminar on C*-algebras and applications to physics, May 20-24, 1974 ; 6	JAP	5	1974-6
14	C* algebras and quantum statistical mechanics	Oscar E. Lanford III	Japan-U.S. Seminar on C*-algebras and applications to physics, May 20-24, 1974 ; 7	JAP	5	1974-7

No.	タイトル	講演者	会議名	請求記号		
15	Stability and equilibrium states 外	Daniel Kastler	Japan-U.S. Seminar on C*-algebras and applications to physics, May 20-24, 1974 ; 8	JAP	5	1974-8
16	Cohomology , renormalization, and the role of C*-algebras in quantum field theory	Irving E. Segal	Japan-U.S. Seminar on C*-algebras and applications to physics, May 20-24, 1974 ; 9	JAP	5	1974-9
17	Non linear problems arising in plasma physics 外 session K2	R. Teman	Japan-France Seminar on Functional Analysis and Numerical Analysis ; 2	JAP	6	1976-2
18	Multistep methods and parabolic equations 外 session K3	P. A. Raviart	Japan-France Seminar on Functional Analysis and Numerical Analysis ; 3	JAP	6	1976-3
19	Operateurs accretifs et semi-groupes dans les espaces L_p ... 外 session K4	Ph. Benilan	Japan-France Seminar on Functional Analysis and Numerical Analysis ; 4	JAP	6	1976-4
20	Calculs d'écoulements transoniques 外 session K5	R. Glowinski	Japan-France Seminar on Functional Analysis and Numerical Analysis ; 5-1	JAP	6	1976-5
21	A difference scheme for solving two phase Stefan problems of the heat equation	T. Nogi	Japan-France Seminar on Functional Analysis and Numerical Analysis ; 5-2	JAP	6	1976-5
22	Convergence and approximation of nonlinear semi-groups 外 session K6	I. Miyadera, Y. Kobayashi	Japan-France Seminar on Functional Analysis and Numerical Analysis ; 6-1	JAP	6	1976-6
23	A semigroup treatment of the Hamilton-Jacobi equation in several space variables	S. Aizawa	Japan-France Seminar on Functional Analysis and Numerical Analysis ; 6-2	JAP	6	1976-6
24	Linear passive systems with several variables	V S Vladimirov		KYO	1	1973-1
25	Super singular K3 surfaces	M. Artin		KYO	1	1973-2
26	不明	不明	[Taniguchi International Symposia, Proceedings of the International Conference on Prospects in Mathematics]	TAN	4	1973-1

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27	Catastrophe theory and morphogenesis	Thom, R	[Taniguchi International Symposia, Proceedings of the International Conference on Prospects in Mathematics]	TAN	4	1973-2
28	The large sieve and its applications	Bombieri, E.	[Taniguchi International Symposia, Proceedings of the International Conference on Prospects in Mathematics]	TAN	4	1973-3
29	Invariant theory and Riemannian geometry	Atiyah, M. F.	[Taniguchi International Symposia, Proceedings of the International Conference on Prospects in Mathematics]	TAN	4	1973-4
30	Periodic attractors in cellular biology	Smale, S.	[Taniguchi International Symposia, Proceedings of the International Conference on Prospects in Mathematics]	TAN	4	1973-5
31	Differential manifolds and homology theory	W. Browder	[Taniguchi International Symposia, Proceedings of the International Conference on Prospects in Mathematics]	TAN	4	1973-6
32	Generalization of convexity	Kuiper	[Taniguchi International Symposia, Proceedings of the International Conference on Prospects in Mathematics]	TAN	4	1973-7

No.	タイトル	講演者	会議名	請求記号		
1	Micro-local analysis and quantum field theory	Sato, M.	Proceedings of Oji seminar on algebraic analysis, Kyoto April 13-17, 1976	OJI	1	1976-1
2	Caustics, stationary phase and microfunctions Monodromy properties of Feynman amplitudes	F. Pham T. Regge	Proceedings of Oji seminar on algebraic analysis, Kyoto April 13-17, 1976	OJI	1	1976-2
3	Analytic structure of the S-matrix in the complex mass shell	Regge氏続 き、H.P. Stapp	Proceedings of Oji seminar on algebraic analysis, Kyoto April 13-17, 1976	OJI	1	1976-3
4	Problems and progress in S-matrix theory	Olive, D.	Proceedings of Oji seminar on algebraic analysis, Kyoto April 13-17, 1976	OJI	1	1976-4
5	The wuantization formalism of Dirac for constrained Hamiltonian systems	Regge, T.	RIMS symposium on algebraic analysis, Kyoto April 19-22, 1976	RES	3	1976-1

代数解析学王子セミナー (関西セミナーハウス)
1976年4月13-17日

代数解析学に関するシンポジウム (数理解析研究所)
1976年4月19-22日