

Title	Back pages, Osaka J Math, Volume21, Number 4
Author(s)	
Citation	Osaka Journal of Mathematics. 1984, 21(4)
Version Type	VoR
URL	<a href="https://hdl.handle.net/11094/22006">https://hdl.handle.net/11094/22006</a>
rights	
Note	

*Osaka University Knowledge Archive : OUKA*

<https://ir.library.osaka-u.ac.jp/>

Osaka University

ISSN 0030-6126

# OSAKA JOURNAL OF MATHEMATICS

EDITED BY

N. IKEDA      H. MORIMOTO  
H. NAGAO      Y. TSUSHIMA

WITH THE COOPERATION OF

S. ARAKI	M. FUKUSHIMA	M. HARADA
T. IKEGAMI	K. ISHI	<u>T. MIYATA</u>
S. MURAKAMI	M. NAKAOKA	N. NINOMIYA
H. OZEKI	K. SHIBATA	M. TAKEUCHI
H. TANABE	J. TAO	T. WATANABE

Volume 21

1984

PUBLISHED JOINTLY BY THE  
DEPARTMENTS OF MATHEMATICS  
OSAKA UNIVERSITY AND OSAKA CITY UNIVERSITY



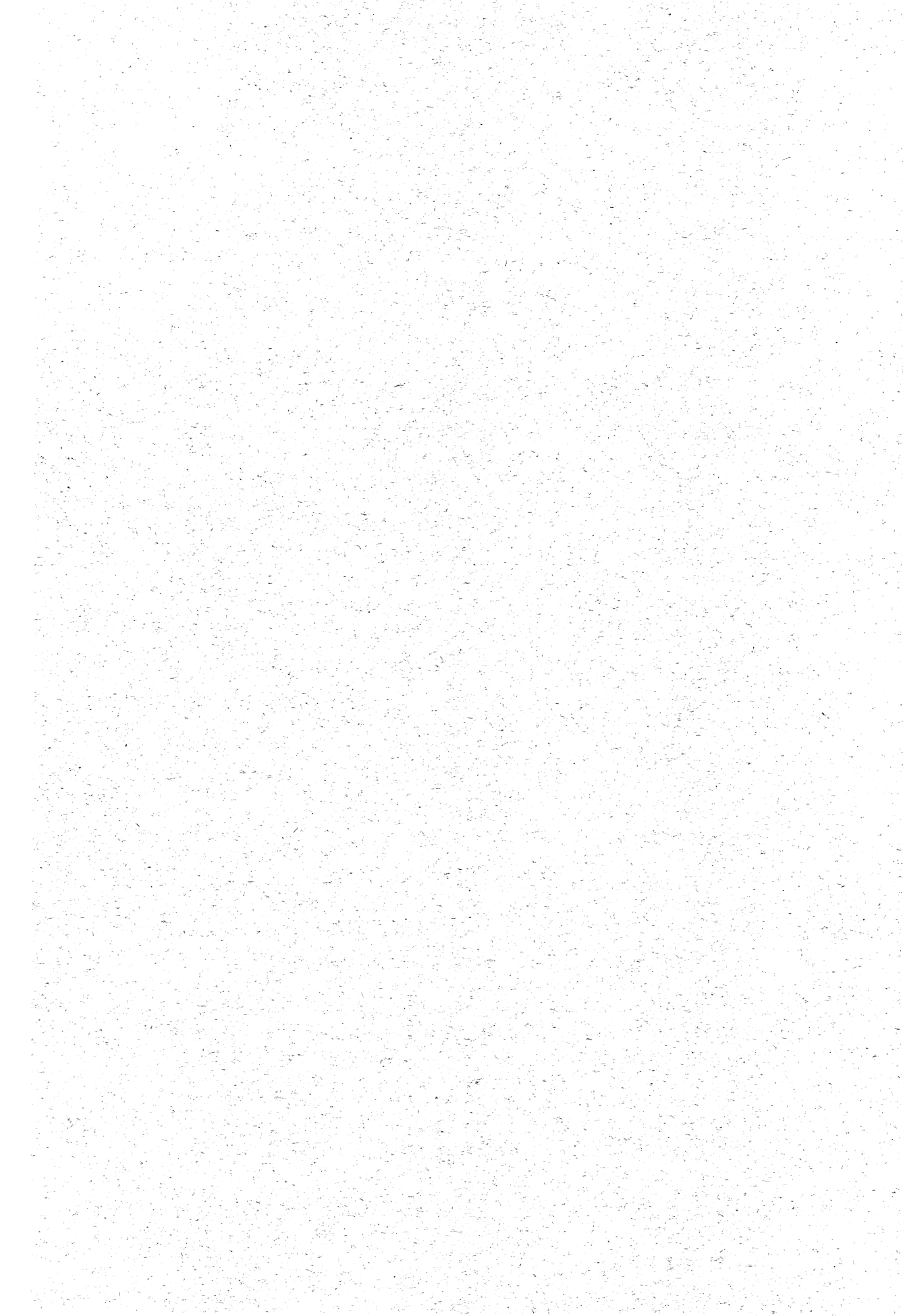
## INDEX

AKASHI, W.Y.: On the perturbation theory for Fredholm operators. ....	603
ASASHIBA, H.: On algebras of second local type, I. ....	327
———: On algebras of second local type, II. ....	343
BALLY, V.: An approximation theorem for Markov processes. ....	91
BERMAN, S.M.: Unboundedness of sample functions of stochastic processes with arbitrary parameter sets, with applications to linear and $1_p$ -valued parameters. ....	133
FUKUSHIMA, M. and TAKEDA, M.: A transformation of a symmetric Markov process and the Donsker-Varadhan theory. ....	311
HARADA, M.: On maximal submodules of a finite direct sum of hollow modules I. ....	649
———: On maximal submodules of a finite direct sum of hollow modules II. ....	671
HONG, Y.: On the nonexistence of unknown perfect 6- and 8- codes in Hamming schemes $H(n, q)$ with $q$ arbitrary. ....	687
ICHINOSE, W.: Some remarks on the Cauchy problem for Schrödinger type equations. ....	565
IIZUKA, K. and MORIMOTO, M.: Extendibility of $G$ -maps to pseudo- equivalences to finite $G$ -CW-complexes whose fundamental groups are finite. ....	59
IKEGAMI, T.: On the boundary behavior of the Dirichlet solutions at an irregular boundary point. ....	851
IWASAKI, C.: Construction of the fundamental solution for degenerate parabolic systems and its application to construction of a para- metrix of $\square_b$ . ....	931
KADO, J.: The fixed subrings of a finite group of automorphisms of $\aleph_0$ -continuous regular rings. ....	683
KAPLAN, P. and WILLIAMS, K.S.: On the strict class number of $Q(\sqrt{2p})$ modulo 16, $p \equiv 1 \pmod{8}$ prime. ....	23
KAWAUCHI, A.: On the Robertello invariants of proper links. ....	81
KOBAYASHI, R.: Kähler-Einstein metric on an open algebraic mani- fold. ....	399
KOBAYASHI, Shi.: A note on regular self-injective rings. ....	679
KOBAYASHI, Sho.: The mathematical work of Y. Matsushima and its development. ....	iii
KOBAYASHI, T.: Structures of the Haken manifolds with Heegaard splittings of genus two. ....	437
KOBAYASHI, Y., KOBAYASHI, K. and OHARU, S.: Nonlinear evolution operators in Banach spaces. ....	281

KOBAYASI, K., KOBAYASHI, Y. and OHARU, S.: Nonlinear evolution operators in Banach spaces. ....	281
KOMATSU, T.: On the martingale problem for generators of stable processes with perturbations. ....	113
——— and TAKASHIMA, K.: The Hausdorff dimension of quasi-all Brownian paths. ....	613
——— and ———: On the existence of intersectional local time except on zero capacity set. ....	913
KUNITA, H.: On the convergence of solutions of stochastic ordinary differential equations as stochastic flows of diffeomorphisms.....	883
KUTAMI, M.: $\aleph_0$ -continuous modules. ....	31
List of publications of Yozô Matsushima. ....	xx
MASHIMO, K.: Minimal immersions of 3-dimensional sphere into spheres. ....	721
MATSUDA, T.: Asymptotic sufficiency I: regular cases. ....	239
———: Asymptotic sufficiency II: truncated cases. ....	257
———: On the rate of convergence for maximum likelihood estimates in a truncated case. ....	583
MATUMOTO, T.: On a weakly unknotted 2-sphere in a simply-connected 4-manifold. ....	489
MINAMI, H.: A remark on odd-primary components of special unitary groups. ....	457
———: On a $K$ -theory of $SO(n)$ . ....	789
MOHRI, M.: Quasiconformal metric and its application to quasiregular mappings. ....	225
MORIMOTO, M. and IIZUKA, K.: Extendibility of $G$ -maps to pseudo-equivalences to finite $G$ - $CW$ -complexes whose fundamental groups are finite. ....	59
MORITA, S.: Nontriviality of the Gelfand-Fuchs characteristic classes for flat $S^1$ -bundles. ....	545
MÜLLER, B.J. and RIZVI, S.T.: Direct sums of indecomposable modules....	365
MURAI, M.: A note on the number of irreducible characters in a $p$ -block of a finite group. ....	387
MURAKAMI, S.: Yozô Matsushima. ....	i
NAITOH, H.: Pseudo-riemannian symmetric $R$ -spaces. ....	733
NAKAOKA, M.: Equivariant point theorems for fibre-preserving maps. ....	809
NAKAUCHI, N.: On free boundary Plateau problem for general dimensional surfaces. ....	831
NEGAMI, S.: The minimum crossing of 3-bridge links. ....	477
NISHITANI, T.: A note on reduced forms of effectively hyperbolic operators and energy integrals. ....	843

NISHIYAMA, M.: Classification of invariant complex structures on irreducible compact simply connected coset spaces. ....	39
NOBUSAWA, N.: On a construction of exceptional pseudosymmetric sets. ....	701
OHARU, S., KOBAYASI, K. and KOBAYASHI, Y.: Nonlinear evolution operators in Banach spaces. ....	281
OJA, K.: On the set of regular boundary points. ....	275
OKADO, M. and OSHIRO, K.: Remarks on the lifting property of simple modules. ....	375
ŌSHIMA, H.: A homotopy group of the symmetric space $SO(2n)/U(n)$ . ...	473
———: A remark on James numbers of Stiefel manifolds. ....	765
OSHIRO, K. and OKADO, M.: Remarks on the lifting property of simple modules. ....	375
PIZER, A.: Matrices over group rings which are Alexander matrices....	461
RIZVI, S.T. and MÜLLER, B.J.: Direct sums of indecomposable modules.	365
SAITO, K. and WATABE, T.: Semisimple degree of symmetry of manifold with the homotopy type of product $(S^1)^r \times (S^2)^s \times (S^3)^t$ . ....	493
SAITO, T.: Sharp estimates for the $\partial$ -Neumann problem and the $\partial$ -problem. ....	859
SHIGEKAWA, I.: On the quasi everywhere existence of the local time of the 1-dimensional Brownian motion. ....	621
SHINYA, K.: On the structure of the augmentation quotients relative to an $N_p$ -series. ....	707
SUMIOKA, T.: Tachikawa's theorem on algebras of left colocal type. ....	629
SZÜCS, A.: Cobordism groups of immersions with restricted self-intersection. ....	71
TAKASHIMA, K. and KOMATSU, T.: The Hausdorff dimension of quasi-all Brownian paths. ....	613
——— and ———: On the existence of intersectional local time except on zero capacity set. ....	911
TAKEDA, M. and FUKUSHIMA, M.: A transformation of a symmetric Markov process and the Donsker-Varadhan theory. ....	311
TAKEUCHI, M.: Parallel projective manifolds and symmetric bounded domains. ....	507
TANIGUCHI, K.: Multi-products of Fourier integral operators and the fundamental solution for a hyperbolic system with involutive characteristics. ....	169
UCHIDA, F.: Actions of symplectic groups on a product of a quaternion projective spaces. ....	773
WATABE, T. and SAITO, K.: Semisimple degree of symmetry of manifold with the homotopy type of product $(S^1)^r \times (S^2)^s \times (S^3)^t$ . ....	493

WILLIAMS, K.S. and KAPLAN, P.: On the strict class number of $Q(\sqrt{2p})$ modulo 16, $p \equiv 1 \pmod{8}$ prime. ....	23
YAMAMOTO, Y.: Divisibility by 16 of class number of quadratic fields whose 2-class groups are cyclic. ....	1
YOSIMURA, Z.: Localization of BP-module spectra with respect to BP-related homologies. ....	419
———: Homology localizations after applying some right adjoint functors. ....	817
YOTSUTANI, S.: Stefen problems with the unilateral boundary condition on the fixed boundary IV. ....	149





## CONTENTS

NOBUSAWA, N.: On a construction of exceptional pseudosymmetric sets....	701
SHINYA, K.: On the structure of the augmentation quotients relative to an $N_p$ -series. ....	707
MASHIMO, K.: Minimal immersions of 3-dimensional sphere into spheres. ....	721
NAITOH, H.: Pseudo-riemannian symmetric $R$ -spaces .....	733
ŌSHIMA, H.: A remark on James numbers of Stiefel manifolds .....	765
UCHIDA, F.: Actions of symplectic groups on a product of a quaternion projective spaces. ....	773
MINAMI, H.: On the $K$ -theory of $SO(n)$ . ....	789
NAKAOKA, M.: Equivariant point theorems for fibre-preserving maps. ....	809
YOSIMURA, Z.: Homology localizations after applying some right adjoint functors. ....	817
NAKAUCHI, N.: On free boundary Plateau problem for general dimen- sional surfaces. ....	831
NISHITANI, T.: A note on reduced forms of effectively hyperbolic operators and energy integrals. ....	843
IKEGAMI, T.: On the boundary behavior of the Dirichlet solutions at an irregular boundary point. ....	851
SAITO, T.: Sharp estimates for the $\partial$ -Neumann problem and the $\bar{\partial}$ - problem. ....	859
KUNITA, H.: On the convergence of solutions of stochastic ordinary differential equations as stochastic flows of diffeomorphisms. ....	883
KOMATSU, T. and TAKASHIMA, K.: On the existence of intersectional local time except on zero capacity set. ....	913
IWASAKI, C.: Construction of the fundamental solution for degenerate parabolic systems and its application to construction of a parametrix of $\square_b$ . ....	931