



Title	Back pages, Osaka J Math, Volume27, Number 4
Author(s)	
Citation	Osaka Journal of Mathematics. 1990, 27(4)
Version Type	VoR
URL	https://hdl.handle.net/11094/21629
rights	
Note	

The University of Osaka Institutional Knowledge Archive : OUKA

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

The University of Osaka

ISSN 0030-6126

OSAKA JOURNAL OF MATHEMATICS

EDITED BY

S. ARAKI

M. IKAWA

N. IKEDA

M. MORIMOTO

S. MURAKAMI

WITH THE COOPERATION OF

M. HARADA

T. IKEGAMI

T. KAMAE

K. KAWAKUBO

N. KAWANAKA

A. KAWAUCHI

T. MABUCHI

M. MIYANISHI

M. NAMBA

T. NISHITANI

H. OZEKI

S. SATO

M. TAKEUCHI

H. TANABE

J. TAO

Y. TSUSHIMA

S. USUI

T. WATANABE

Y. YAMAMOTO

Volume 27

1990

PUBLISHED JOINTLY BY THE

DEPARTMENTS OF MATHEMATICS

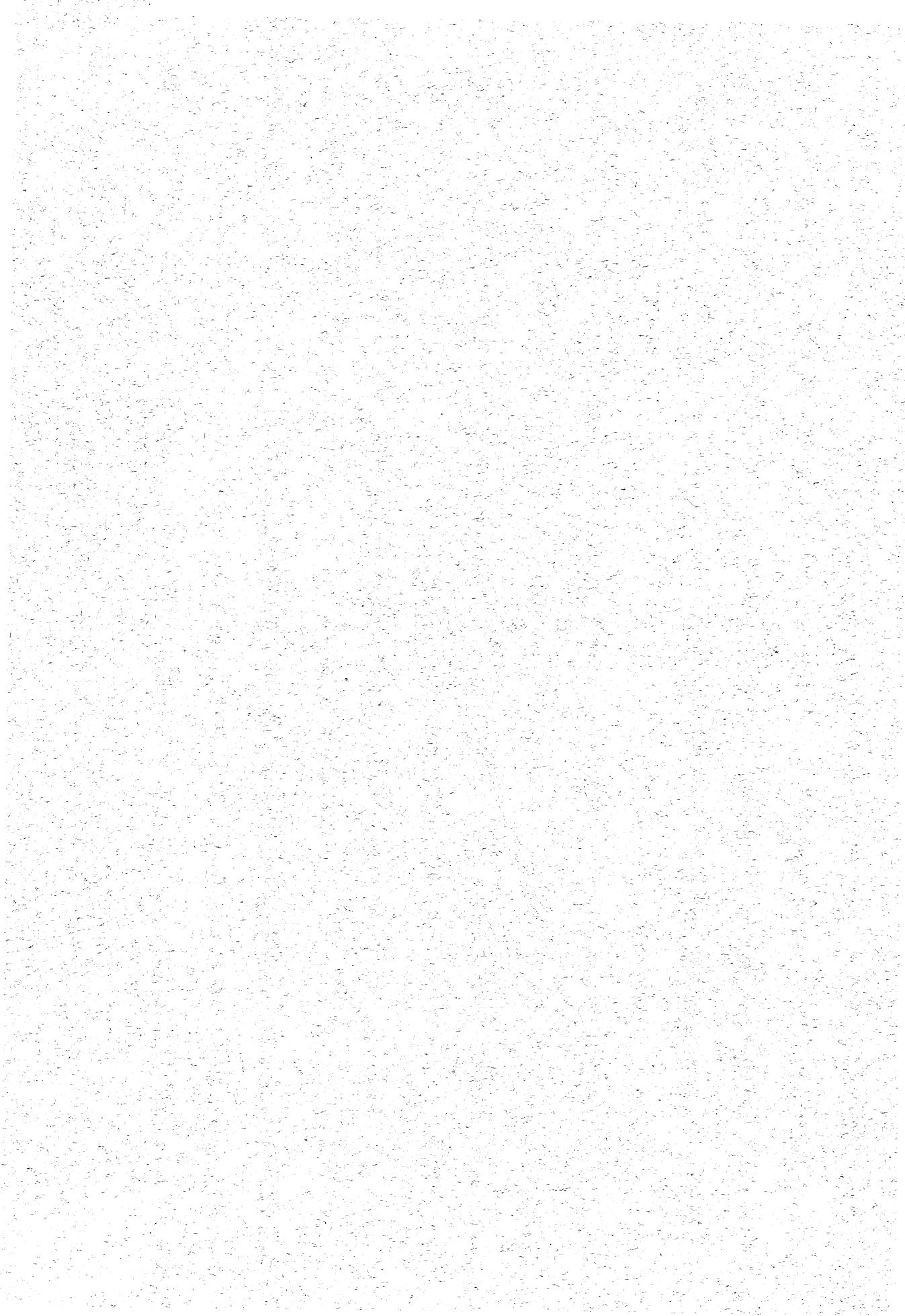
OSAKA UNIVERSITY AND OSAKA CITY UNIVERSITY

INDEX

- ABE, Y.: Diffeomorphic extension of biholomorphic mappings with smooth modulus. 621
- AVGERINOS, E.P. and PAPAGEORGIOU, N.S.: Optimal control and relaxation for a class of nonlinear distributed parameter systems. 745
- CHENG, Q.-M.: Complete minimal hypersurfaces in $S^4(1)$ with constant scalar curvature. 885
- FAVINI, A. and PLAZZI, P.: On some abstract degenerate problems of parabolic type—3: Applications to linear and nonlinear problems. 323
- FUJII, J.: A note on pivotal measures in majorized experiments. 739
- FUJII, M.: Hyperbolic 3-manifolds with totally geodesic boundary. 539
- FUJITA, T.: On Del Pezzo fibrations over curves. 229
- FUJITA, Y.: Integrodifferential equation which interpolates the heat equation and the wave equation. 309
- : Integrodifferential equation which interpolates the heat equation and the wave equation (II). 797
- HARADA, M.: On almost relative projectives over perfect rings. 655
- : On almost relative injectives in artinian modules. 963
- HIRACHI, K.: Transformation law for the Szegö projectors on CR manifolds. 301
- HIRAIDE, K.: Expansive homeomorphisms of compact surfaces are pseudo-Anosov. 117
- HOSTE, J., NAKANISHI, Y. and TANIYAMA, K.: Unknotting operations involving trivial tangles. 555
- IKAWA, M.: Singular perturbation of symbolic flows and poles of the zeta functions. 281
- ILLMAN, S.: Restricting the transformation group in equivariant CW complexes. 191
- INOUE, T.: A note on the equivariant Whitehead groups of dihedral groups. 421
- ITO, H.: On a mixed problem of linear elastodynamics with a time-dependent discontinuous boundary condition. 667
- KADO, J.: The maximal quotient ring of a left H-ring. 247
- KAMBARA, H.: On directly finite regular rings. 629
- KASUE, A. and WASHIO, T.: Growth of equivariant harmonic maps and harmonic morphisms. 899
- KAWAI, H.: On the cohomology of finite groups and the applications to modular representations. 937
- KAWANAGO, T.: The behavior of solutions of quasi-linear heat equations. 769

KAWATA, S.: The modules induced from a normal subgroup and the Auslander-Reiten quiver.	265
KINOSHITA, M.: Non-standard representations of distributions II.	843
KOHATSU-HIGA, A.: Weak convergence of a sequence of stochastic processes realted with U-statistics.	361
KOISO, N.: Yang-Mills connections of homogeneous bundles.	163
_____: On the complex structure of a manifold of sections.	175
KUROKAWA, T.: On hypersingular integrals.	721
LESIGNE, E. and PETERSEN, K.: Bounded exponential sums.	277
MADSEN, I. and RAUSSEN, M.: Locally linear representation forms.	567
MAEDA, T.: On amalgamated decompositions of finitely presented groups along splitting infinite cyclic groups.	929
MINAMI, H.: Stiefel manifolds as framed boundaries.	185
MIYADERA, R.: Characterizations of conditional expectation operators for L_p -valued functions on a general measure space.	381
MORI, M.: Fredholm determinant for piecewise linear transformations.	81
NAKANISHI, Y.: On Fox's congruence classes of knots, II.	207
_____: Correction to "On Fox's congruence classes of knots, II".	973
_____, TANIYAMA, K. and HOSTE, J.: Unknotting operations involving trivial tangles.	555
NAYATANI, S.: The Morse index of complete minimal surfaces in Euclidean space.	441
_____: Lower bounds for the Morse index of complete minimal surfaces in Euclidean 3-space.	453
NISHITANI, T.: Propagation of singularities for hyperbolic operators with transverse propagation cone.	1
NOBUSAWA, N.: Conjugacy classes and representation groups.	223
NOZAWA, R.: Linear programming related to homogeneous programming.	413
_____: Max-flow min-cut theorem in an anisotropic network.	805
OKA, M.: Singular foliations on cross-sections of expansive flows on 3-manifolds.	863
OZAWA, S.: Fluctuation of spectra in random media II.	17
PAPAGEORGIOU, N.S. and AVGERINOS, E.P.: Optimal control and relaxation for a class of nonlinear distributed parameter systems.	745
PETERSEN, K. and LESIGNE, E.: Bounded exponential sums.	277
PLAZZI, P. and FAVINI, A.: On some abstract degenerate problems of parabolic type—3: Applications to linear and nonlinear problems.	323

RAUSSEN, M. and MADSEN, I.: Locally Linear Representation forms.	567
SAKAKI, M.: Stability of surfaces with constant mean curvature in 3-dimensional Riemannian manifolds.	893
SASAKI, T.: A fundamental domain for some quasi-Fuchsian groups.	67
SHASTRI, A.R.: A discriminant criterion for the two dimensional Jacobian problem.	217
SHINKAI, K. and TANIGUCHI, K.: On ultra wave front sets and Fourier integral operators of infinite order.	709
SMITH, P.F.: Modules with many direct summands.	253
SUETAKE, C.: On finite point transitive affine planes with two orbits on \mathbb{P}_{∞} as a collineation group.	271
TAKAHASHI, Y.: An integral representation on the path space for scattering length.	373
TANABE, M.: On the non triviality of the Greek letter elements in the Adams-Novikov E_2 -term.	529
TANIGUCHI, K. and SHINKAI, K.: On ultra wave front sets and Fourier integral operators of infinite order.	709
TANIGUCHI, Y.: The method of moving frames applied to Kähler submanifolds of complex space forms.	593
TANIYAMA, K., HOSTE, J. and NAKANISHI, Y.: Unknotting operations involving trivial tangles.	555
TSUSHIMA, Y.: On certain projective modules for finite groups of Lie type.	947
WASHIO, T. and KASUE, A.: Growth of equivariant harmonic maps and harmonic morphisms.	899
YAMATO, K.: Examples of non-Kähler symplectic manifolds.	431
YOSIMURA, Z.: Quasi K-homology equivalences, I.	465
———: Quasi K-homology equivalences, II.	499



CONTENTS

AVGERINOS, E.P. and PAPAGEORGIOU, N.S.: Optimal control and relaxation for a class of nonlinear distributed parameter systems.	745
KAWANAGO, T.: The behavior of solutions of quasi-linear heat equations.	769
FUJITA, Y.: Integrodifferential equation which interpolates the heat equation and the wave equation (II).	797
NOZAWA, R.: Max-flow min-cut theorem in an anisotropic network.	805
KINOSHITA, M.: Non-standard representations of distributions II.	843
OKA, M.: Singular foliations on cross-sections of expansive flows on 3-manifolds.	863
CHENG, Q.-M.: Complete minimal hypersurfaces in $S^4(1)$ with constant scalar curvature.	885
SAKAKI, M.: Stability of surfaces with constant mean curvature in 3-dimensional Riemannian manifolds.	893
KASUE, A. and WASHIO, T.: Growth of equivariant harmonic maps and harmonic morphisms.	899
MAEDA, T.: On amalgamated decompositions of finitely presented groups along splitting infinite cyclic groups.	929
KAWAI, H.: On the cohomology of finite groups and the applications to modular representations.	937
TSUSHIMA, Y.: On certain projective modules for finite groups of Lie type.	947
HARADA, M.: On almost relative injectives in artinian modules.	963
NAKANISHI, Y.: Correction to "On Fox's congruence classes of knots, II".	973