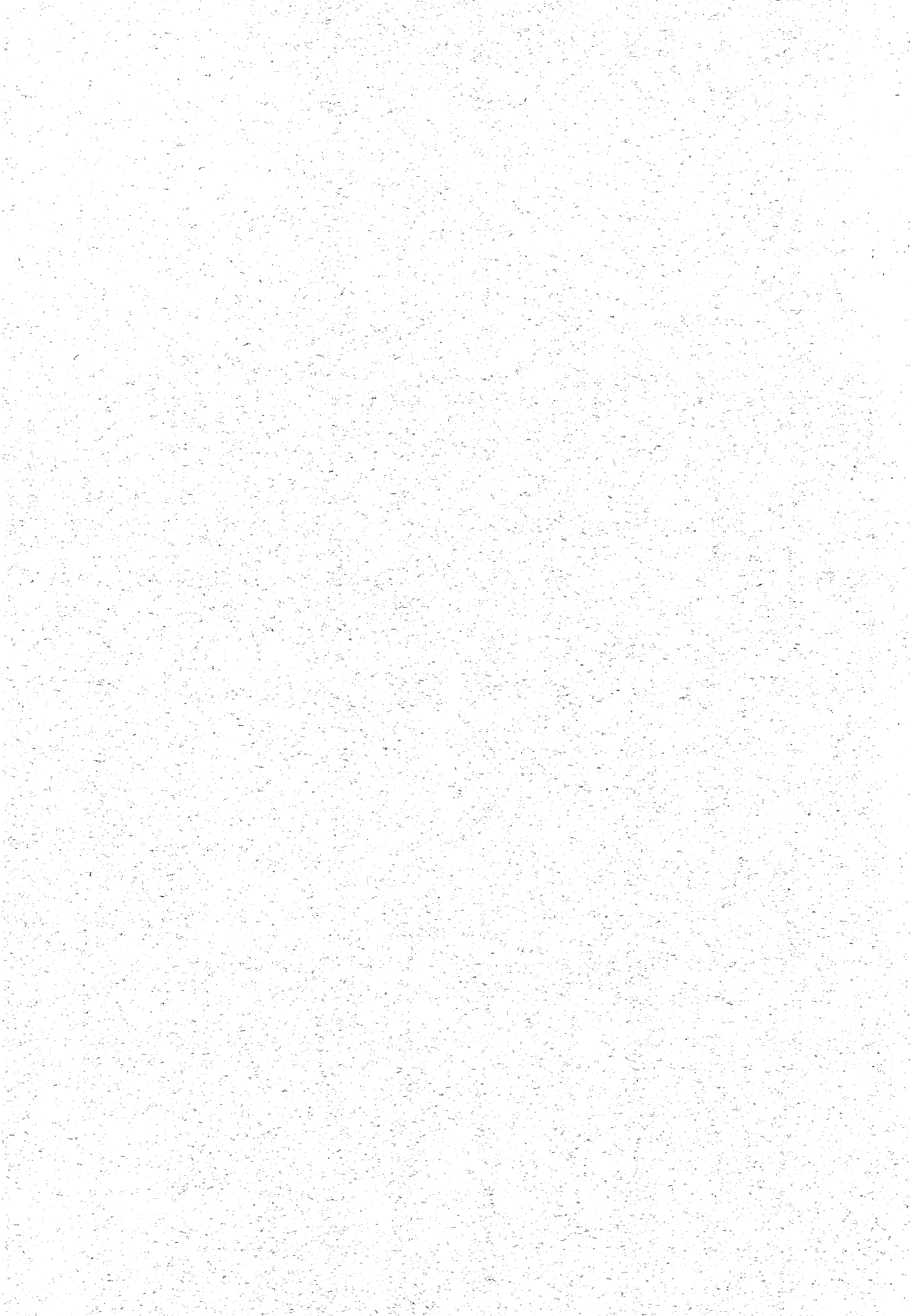


Title	Back pages, Osaka J Math, Volume21, Number 3
Author(s)	
Citation	Osaka Journal of Mathematics. 21(3)
Issue Date	1984
Text Version	publisher
URL	<a href="http://hdl.handle.net/11094/22132">http://hdl.handle.net/11094/22132</a>
DOI	
rights	
Note	

*Osaka University Knowledge Archive : OUKA*

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

Osaka University



## CONTENTS

PIZER, A.: Matrices over group rings which are Alexander matrices. ....	461
ŌSHIMA, H.: A homotopy group of the symmetric space $SO(2n)/U(n)$ . ...	473
NEGAMI, S.: The minimum crossing of 3-bridge links. ....	477
MATUMOTO, T.: On a weakly unknotted 2-sphere in a simply-connected 4-manifold. ....	489
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
TAKEUCHI, M.: Parallel projective manifolds and symmetric bounded domains. ....	507
MORITA, S.: Nontriviality of the Gelfand-Fuchs characteristic classes for flat $S^1$ -bundles. ....	545
ICHINOSE, W.: Some remarks on the Cauchy problem for Schrödinger type equations. ....	565
MATSUDA, T.: On the rate of convergence for maximum likelihood esti- mates in a truncated case. ....	583
AKASHI, W.Y.: On the perturbation theory for Fredholm operators. ....	603
KOMATSU, T. and TAKASHIMA, K.: The Hausdorff dimension of quasi- all Brownian paths. ....	613
SHIGEKAWA, I.: On a quasi everywhere existence of the local time of the 1-dimensional Brownian motion. ....	621
SUMIOKA, T.: Tachikawa's theorem on algebras of left colocal type. ....	629
HARADA, M.: On maximal submodules of a finite direct sum of hollow modules I. ....	649
HARADA, M.: On maximal submodules of a finite direct sum of hollow modules II. ....	671
KOBAYASHI, S.: A note on regular self-injective rings. ....	679
KADO, J.: The fixed subrings of a finite group of automorphisms of $\aleph_0$ -continuous regular rings. ....	683
HONG, Y.: On the nonexistence of unknown perfect 6- and 8-codes in Hamming schemes $H(n, q)$ with $q$ arbitrary. ....	687