

## **AUTHOR'S INDEX**



## A

- ABE, Hitoshi :
1. On some analytic functions in an annulus. ....10, 38-45
- ABE, Naoto :
1. On foliations and exotic characteritic classes '' .....28, 324-341
- ABE, Yoshibumi :
1. Some properties of a set of points in Euclidean space.  
(with T. KUBOTA and H. YONEGUCHI).....2, 117-119
- AIKAWA, Sanzô :
1. On extension of Schwarz's theorem.....4, 104-106
- AKAZA, Tohru :
1. Length of the singular set of Schottky group. ....15, 62-66
  2. Singular sets of some infinitely generated  
Kleinian groups. (with E. SAKAI).....26, 485-497
- AKI, Kunio :
1. A note on the generalized Laplacian operators. ....2, 11-12
- AKO, Mitsue :
1. Cf. YANO, Kentaro 5.
  2. Non-linear connection in vector bundles. ....18, 307-316
  3. Submanifolds in Fubinian manifolds. ....19, 103-128
  4. Submanifolds of Kählerian manifold.....20, 1-11
  5. Cf. Kentaro 15.
  6. Fibred spaces with almost complex structures. ....24, 482-505
  7. Cf. YANO, Kentaro 42.
- AMEMIYA, Ichiro :
1. On tensor products of Banach spaces. (with K. SHIGA).....9, 161-178
- AOGAI, Hirokazu :
1. Picard constant of a finitely sheeted covering surface. ....25, 219-224
- AONUMA, Tatsuo :
1. On some asymptotic expansion theorems.....15, 152-161
- ARAI, Hiraku :
1. Remarks on holomorphic automorphisms of a simply-connected  
normal domain in several complex variables. ....11, 88-94
- ARIMA, Kihachiro :
1. On harmonic measure functions in some regions. ....2, 75-80
  2. On uniformizing functions. ....2, 81-83
  3. On a meromorphic function in the unit circle whose Nevanlinna's  
characteristic function is bounded. ....2, 94-95

ASAI, Hitohisa :

1. On the numerical study of the low density plasma sheath equations in the plasma limit. (with P. R. CARON).....**21**, 290-309

ASANO, Shigemoto :

1. On the radical of quasi-Frobenius algebras. ....**13**, 135-151
2. Remarks concerning two quasi-Frobenius rings with isomorphic radicals. ....**13**, 224-226
3. Note on some generalizations of quasi-Frobenius rings. ....**13**, 227-234
4. On generalized uniserial algebras over a perfect field.....**14**, 20-25
5. On invariant subspaces of division algebras.....**18**, 322-334
6. On the automorphism ring of division algebras.....**18**, 368-372

ATSUYAMA, Kenzi :

1. On the embedding of the Cayley plane into the exceptional Lie group of the type  $F_4$ . ....**28**, 129-134

## B

BLAIR, Davide :

1. Induced structures on submanifolds. (with G. D. LUDDEN and K. YANO).....**22**, 188-198
2. On intrinsic structures similar to those induced on  $S^{2n}$ , (with G. D. LUDDEN).....**23**, 262-266
3. Affine almost contact manifolds and  $f$ -manifolds with affine Killing structure tensors. (with K. YANO) .....**23**, 473-479
4. Nearly Sasakian structures. (with D. K. SHOWERS and K. YANO) .....**27**, 175-180
5. Semi-invariant immersions. (with G. D. LUDDEN and K. YANO).....**27**, 313-319

BLUM, Richard :

1. Cf. YANO, Kentaro 3.

BRICKELL, Frederick :

1. Concurrent vector fields and Minkowski structures. (with K. YANO) .....**26**, 22-28

BURBEA, Jacob :

1. The carathéodory metric in plane domains .....**29**, 157-166

BUREŠ, J. :

1. Metric polynomial structures. (with J. VANŽURA) .....**27**, 345-352

## C

CARON, P. R. :

1. Cf. ASAI, Hitohisa 1.

CHEN, Bang-Yen :

1. On the total absolute curvature of manifolds immersed in Riemannian manifolds.....**19**, 299-311
2. A remark on minimal imbedding of surfaces in  $E^4$ .....**20**, 279-281
3. Some integral formulas of the Gauss-Kronecker curvature. ..**20**, 410-413
4. Surfaces of curvature  $\lambda_N=0$  in  $E^{2+N}$ .....**21**, 331-334
5. On the total absolute curvature of manifolds immersed in Riemannian manifold, II. ....**22**, 89-97
6. On the total absolute curvature of manifolds immersed in Riemannian manifolds, III. ....**22**, 385-400
7. Cf. YANO, Kentaro 33.
8. Pseudo-umbilical surfaces in euclidean spaces.....**23**, 357-362
9. Submanifolds umbilical with respect to a non-parallel normal subbundle. (with K. YANO).....**25**, 289-296
10. Cf. YANO, Kentaro 46.
11. Pseudo-umbilical submanifolds of codimension 3 with constant mean curvature. (with K. YANO) .....**25**, 490-501

CHEN, Cheng-Hsien :

1. On a Riemannian manifold admitting Killing vectors whose covariant derivatives are conformal Killing tensors. ....**23**, 168-171

CHEN, Yung-Ming :

1. Cesàro summability of successively differentiated series of a Fourier series and its conjugate series.....**14**, 134-142

CHODA, Hisashi :

1. Some extremal properties in the unit ball of von Neumann algebras. (with Y. KIJIMA and Y. NAKAGAMI) .....**21**, 175-181
2. On freely acting automorphisms of operator algebra.....**26**, 1-21

CHOW, Kwang-Nan :

1. Minimality in families of solutions of  $\Delta u = Pu$  on Riemann surfaces. ....**24**, 136-141

CHUNG, Lung Ock :

1. Asymptotic behavior and degeneracy of biharmonic functions on Riemannian manifolds. ....**27**, 464-474
2. Biharmonic and quasiharmonic degeneracy (with L. SARIO and C. WANG) .....**29**, 186-196

## D

- D'ATRI, J. E. :
1. Geodesic conformal transformations and symmetric spaces. ....26, 201-203
- DAVIES, E. T. :
1. Cf. YANO, Kentaro 2.
  2. Cf. YANO, Kentaro 35.
- DELANGHE, Richard :
1. On a generalized notion of harmonic functions. ....23, 233-237
- DIKSHIT, G. D. :
1. On absolute Riesz summability factors of Fourier series. ....27, 84-93
- DIKSHIT, H. P. :
1. On the absolute Nörlund summability of a Fourier series and its conjugate series. ....20, 448-453
- DUC, Tong van :
1. Sur les structures définies par une 1-forme vectorielle  $F$  telle que  $F^3 = \pm F$ . ....25, 367-376
  2. Sur la geometrie differentielle des fibres vectoriels. ....26, 349-408

## E

- EGUCHI, Masayoshi :
1. A note on semigroups of Markov operators on  $C(X)$ . (with Y. KIJIMA) ....26, 109-112
  2. A note on Mitchell's fixed point theorem for nonexpansive mappings. (with Y. KIJIMA) ....26, 113-114
- ETO, Shun-Ichi :
1. A note on the inverse problem for the cohomology vanishing theorem. ....28, 159-161
- EUM, Sang-Seup :
1. Cf. YANO, Kentaro 40.
  2. Cf. YANO, Kentaro 43.
  3. Some characterizations of quaternionic Kaehlernian manifolds with constant Q-sectional curvature. (with J. S. PAK) ....28 381-389

## F

FUJIMAGARI, Tetsuo :

1. Cascade semigroups and their characterization.  
(with M. MOTOO) .....23, 402-472
2. Controlled Galton-Watson process and its  
asymptotic behavior.....27, 11-18

FUNABASHI, Shōichi :

1. On quaternion Kählerian manifolds admitting  
the axiom of planes. (with Y. TAKEMURA).....26, 210-215
2. Cf. KONISHI, Mariko 5.
3. Totally real submanifolds of a Quaternionic  
Kaehlerian manifold.....29, 261-270

## G

GOEL, D. S. :

1. Almost tangent structures. ....26, 187-193

GOLDBERG, Samuel I. :

1. On conformally flat spaces with definite Ricci curvature. ....21, 226-232
2. Polynomial structures on manifolds. (with K. YANO) .....22, 199-218
3. Differentiable solutions of algebraic equations.  
(with N. C. PETRIDIS) .....25, 111-128
4. The axiom of spheres in Kaehler geometry.  
(with E. M. MOSKAL) .....27, 188-192
5. On conformally flat spaces with definite  
Ricci curvature II.....27, 445-448
6. Curvature and real analysis. ....28, 211-213

GOTO, Morikuni :

1. On the group of formal analytic transformations. ....2, 45-46

GUPTA, B. L. :

1. Cf. SHARMA, P. L. 1.
2. On the absolute summability of the series associated with a  
Fourier series and its allied series. ....22, 424-435

## H

HADA, Dennis :

1. Bounded biharmonic functions on the Poincaré  
 $N$ -ball. (with L. SARIO and C. WANG) .....26, 327-342

HANAI, Sitiro :

1. On commutative  $T$ -closure operators. ....5, 17-19

HARA, Hisao :

1. On the Cauchy's product series theorem on Euler's summability. ....5, 91-92

HASEGAWA, Yoshimitsu :

1. On summabilities of double Fourier series. ....15, 226-238

HASHIMOTO, Shintaro :

1. A new proof of Liber's theorem. ....3, 118-119

HATORI, Hirohisa :

1. On the distribution of completion times for random communication in the task-oriented group with a special structure. ....9, 23-33
2. A note on the entropy of a continuous distribution. ....10, 172-176
3. Some theorems in an extended renewal theory, I.....11, 139-146
4. Some theorems in an extended renewal theory, II. ....12, 21-27
5. A note on a renewal theorem. ....12, 28-37
6. A note on typical functions of sums of non-negative independent random variables. ....12, 70-75
7. Some theorems in an extended renewal theory, III. ....13, 219-223
8. Some theorems in an extended renewal theory, IV.....14, 86-94
9. Some expansion theorems for stochastic processes, I. ....15, 111-120
10. Some expansion theorems for stochastic processes, II.....15, 127-137
11. On Markov chains with rewards.....18, 184-192
12. On continuous-time Markov processes with rewards, I. ....18, 212-218
13. A limit theorem on  $(J, X)$ -processes.....18, 317-321
14. An improvement of a limit theorem on  $(J, X)$ -processes. (with T. MORI) ....18, 347-352
15. On continuous-time Markov processes with rewards, II. (with T. MORI) ....18, 353-356
16. On Wiener's formula for stochastic processes. (with T. MORI) ....19, 28-30
17. Some Tauberian theorems for stochastic processes. (with T. MORI) ....19, 31-34
18. A renewal theorem on  $(J, X)$ -processes. (with T. MORI and H. OODAIRA).....19, 159-164
19. A remark concerning a renewal theorem on  $(J, X)$ -processes. (with T. MORI and H. OODAIRA).....19, 189-192
20. A renewal type theorem on continuous time  $(J, X)$ -processes. (with T. MORI) ....19, 404-409



HAYASAKA, Minoru :

1. Tensor fields lifted to cotangent bundles and differential concomitants of tensor fields in the base manifolds. ....**23**, 160-167

HAYASHI, Kazumichi :

1. Les solutions positives de l'équation  $\Delta u = Pu$  sur une surface de Riemann.....**13**, 20-24
2. Une frontière des surfaces de Riemann ouvertes et applications conformes. ....**14**, 169-188
3. Existence of maximal analytic functions on Riemann surfaces.....**20**, 314-317

HAYASHIDA, Tsuyoshi :

1. Note on a measure problem. ....**1**, 8-8
2. Arc-wise connected subgroup of a vector group.....**1**, 16-17
3. On faithful representations of free groups. ....**1**, 27-27
4. Balance and balls. ....**1**, 39-39
5. Note on archimedean valuations. ....**1**, 87-88

HEAD, Tom :

1. Greatest regular images of tensor products of commutative semigroups. (with N. KUROKI) ....**26**, 132-136

HEINS, Maurice :

1. On WSN functions and a theorem of R. Nevanlinna concerning bounded analytic functions.....**26**, 245-257

HERSTEIN, I. N. :

1. A note on a commutativity theorem. ....**5**, 119-120

HIRAMATU, Hitosi :

1. On a conformal transformation of a Riemannian manifold. ..**22**, 138-141
2. On essentially isometric conformal transformation groups. ..**24**, 212-216
3. On integral inequalities in Riemannian manifolds admitting a one-parameter conformal transformation group.....**26**, 75-84
4. Cf. YANO, Kentro 50.

HIRASAWA, Yoshikazu :

1. On a uniqueness condition for solutions of the Dirichlet problem concerning a quasi-linear equation of elliptic type. ....**14**, 162-168
2. A remark on the generalization of Harnack's first theorem...**15**, 121-126
3. On an estimate for semi-linear elliptic differential equations of the second order. ....**16**, 55-68
4. On an estimate for semi-linear elliptic differential equations of the second order with Dini-continuous coefficients. ....**17**, 10-26

## HIROKAWA, Hiroshi :

1. on the Cesàro summability of Fourier series. ....7, 79-82
2. On a sequence of Fourier coefficients. ....10, 1-8

## HIROMI, Genkō :

1. On the existence of meromorphic functions with preassigned asymptotic spots. ....17, 109-118
2. On a characterization of regularly branched three-sheeted covering Riemann surfaces. (with K. NIINO) ....17, 250-260
3. On the existence of analytic mappings between two ultrahyperelliptic surfaces. (with M. OZAWA).....17, 281-306
4. On the existence of analytic mappings, I. (with H. MUTŌ) ..19, 236-244
5. On the existence of analytic mappings, II. (with H. MUTŌ) ..19, 439-450
6. On pseudo-prime meromorphic functions. (with S. KIMURA) ..25, 406-411

## HITOTUMATU, Sin :

1. On integral formulas of analytic functions of several complex variables and some related problems. ....1, 91-94
2. A condition of the domain of regularity. ....3, 19-20
3. Cousin problems for ideals and the domain of regularity. ....3, 26-32
4. A note on the maximal ideals of analytic functions.....4, 51-53
5. On the convergence of a multiple power series. ....4, 111-114
6. Two remarks on my paper "A note on the maximal ideals of analytic functions". ....5, 31-31
7. Complex arithmetic through CORDIC. ....26, 176-186

## HOMMA, Tatsuo :

1. Vector-group in real Euclidean space. (with T. MINAGAWA) ....1, 19-20
2. A theorem on continuous functions. ....4, 13-16

## HONG, Imsik :

1. Cf. KOMATU, Yûsaku 11.
2. Cf. KOMATU, Yûsaku 13.
3. On some boundary value problem in an annulus. ....6, 4-6
4. On exceptional values of a solution of a differential equation. ..6, 63-64
5. On an inequality concerning the eigenvalue problem of membrane.....6, 113-114
6. On the null-set of a solution for the equation  $\Delta u + k^2 u = 0$ .....7, 53-54
7. On positively infinite singularities of a solution of the equation  $\Delta u + k^2 u = 0$ . ....8, 9-12
8. On an eigenvalue and eigenfunction problem of the equation  $\Delta u + \lambda u = 0$ . ....9, 179-190
9. A supplement to "On an eigenvalue and eigenfunction

- problem of the equation  $\Delta u + \lambda u = 0$ .....10, 27-37
10. On the equation  $\Delta u + \lambda f(x, y)u = 0$  under the fixed boundary condition.....11, 95-108
- HORI, Motoo :
1. Application of the theory of Markov processes to communication, I. The case of discrete time parameter. (with M. UCHIDA) .....19, 174-188
  2. Errata. (with M. UCHIDA) .....19, 384-384
  3. Correction to the paper "Application of the theory of Markov processes to communication, I. The case of discrete time parameter". (with M. UCHIDA) .....20, 125-126
- HORIBE, Yasuichi :
1. On an adaptive process for learning finite patterns.....19, 43-52
  2. On a learning network. ....19, 95-102
  3. On a state identification by learning.....19, 470-473
  4. An aspect of logistic law. (with S. NISHIMURA) .....20, 118-124
  5. Pattern recognition by random net. ....20, 355-373
  6. The random net which has basic organs realizing parity Boolean functions.....21, 46-57
- HOTTA, Jyôji :
1. A remark on regularly convex sets.....3, 37-40
- HOUH, Chorng-Shi :
1. Cf. ÔTSUKI, Tominosuke 6.
  2. Some immersions in pseudo-Riemannian manifolds of constant curvature. ....23, 255-261
  3. Tensor fields and connections on a cross-section in the tangent bundle of order  $r$ . (with S. ISHIHARA) .....24, 234-250
  4. Cf. YANO, Kentaro 46.
  5. On the holonomy group of a normal complex almost contact manifold. ....28, 72-77
- HUZII, Mituaki :
1. On a simplified method of the estimation of the correlogram for a stationary Gaussian process, II.....16, 199-212
  2. On a simplified method of the estimation of the correlogram for a stationary Gaussian process, III. ....18, 195-211
  3. On the bias of a simplified estimate of correlogram. ....18, 373-385
  4. On a simplified estimate of correlogram for stationary non-Gaussian processes. ....19, 385-403

## I

IANUS, Stere :

1. Some almost product structures on manifolds with linear connection. ....**23**, 305-310

ICHIDA, Ryosuke :

1. On an isometry of Riemannian manifolds of negative curvature. ....**26**, 100-102
2. On non-parametric surfaces in three dimensional spheres.....**28**, 38-50

IKEDA, Nobuyuki :

1. A time reversion of Markov processes with killing.  
(with M. NAGASAWA and K. SATO) .....**16**, 88-97

IMAI, Hideo :

1. On the Hodge groups of some Abelian varieties. ....**27**, 367-372

IMAI, Tyuiti :

1. Cf. YANO, Kentaro 55.

INATOMI, Akira :

1. On generating elements of simple algebras.....**14**, 149-159
2. Remark on Galois theory of simple ring.....**14**, 160-161
3. A note on Galois extension of separable algebras. ....**23**, 198-203
4. On Galois theory of central separable algebras over artinian rings. ....**25**, 34-36

ISHIGURO, Kazuo :

1. Fourier series XI: Gibbs' phenomenon. ....**8**, 181-188
2. Correction to the paper "Fourier series XI: Gibbs' phenomenon". ....**9**, 191-192
3. Über die Verträglichkeit der Kreisverfahren der Limitierungstheorie bei komplexen Ordnungen. ....**24**, 91-105
4. Über das Verträglichkeitsproblem bei singulären Taylorschen Limitierungsverfahren.  
(with W. MEYER-KÖNIG).....**26**, 467-477

ISHIHARA, Shigeru :

1. On infinitesimal concircular transformations. ....**12**, 45-56
2. The integral formulas and their applications in some affinely connected manifolds. ....**13**, 93-108
3. Cf. YANO, Kentaro 6.
4. Normal structure  $f$  satisfying  $f^3+f=0$ .....**18**, 36-47
5. Cf. YANO, Kentaro 7.
6. Cf. YANO, Kentaro 8.
7. Cf. YANO, Kentaro 9.

8. Cf. YANO, Kentaro 10.
  9. Cf. YANO, Kentaro 11.
  10. Cf. YANO, Kentaro 12.
  11. Cf. YANO, Kentaro 13.
  12. Cf. YANO, Kentaro 14.
  13. Cf. YANO, Kentaro 19.
  14. Cf. YANO, Kentaro 20.
  15. Cf. HOUH, Chorng-Shi 3.
  16. Cf. YANO, Kentaro 39.
  17. Fibred Riemannian space with triple of Killing vectors.  
(with M. KONISHI).....**25**, 175-189
  18. Quaternion Kählerian manifolds and fibred Riemannian  
spaces with Sasakian 3-structure. ....**25**, 321-329
  19. Integral formulas and their applications in  
quaternionic Kählerian manifolds. ....**28**, 63-71
- ISIWATA, Takesi :
1. Non-discrete linearly ordered groups. ....**2**, 84-88
  2. Linearization of topological groups and ordered rings.....**4**, 33-35
- ITAYA, Nobutoshi :
1. On the Cauchy problem for the system of fundamental  
equations describing the movement of compressible  
viscous fluid. ....**23**, 60-120
- ITÔ, Noboru :
1. Note on groups of automorphisms. (with M. NAGATA).....**1**, 77-79
  2. Note on  $(LM)$ -groups of finite orders. ....**3**, 1-6
- ITO, Takehiro :
1. Complete surfaces in  $E^4$  with constant mean curvature. ....**22**, 150-158
  2. A note on minimal submanifolds with  $M$ -index 2.....**23** 204-207
  3. Minimal surfaces with  $M$ -index 2,  $T_1$ -index 2  
and  $T_2$ -index 2.....**24**, 1-16
  4. Minimal surfaces in 4-dimensional Riemannian manifolds  
of constant curvature. ....**24**, 451-458
  5. Minimal surfaces in a Riemannian manifold of constant  
curvature. ....**25**, 204-214
- IWAHORI, Nagayosi :
1. On certain subalgebras of a Lie algebra. (with I. SATAKE) ....**2**, 57-60
- IWANO, Masahiro :
1. On a system of non-linear ordinary differential equations  
containing a parameter. (with T. SAITO).....**13**, 65-92
  2. On a system of non-linear ordinary differential equations

- containing a parameter, II. ....14, 95-109
3. Reduction of the order of a linear ordinary differential equation containing a small parameter. (with Y. SIBUYA) .....15, 1-28
- IZUMI, Shin-ichi :
1. Fourier series X : Rogosinski's lemma. (with M. SATO).....8, 164-180

## J

- JAIN, Rajendra K. :
1. On  $|C, \alpha|_k$  summability factors of Fourier series. ....21, 225-261
- JENKINS, James A. :
1. On the sharp form of the three-circles theorem. ....27, 155-158

## K

- KAJIWARA, Joji :
1. On an application of L. Ehrenpreis' method to ordinary differential equations.....15, 94-105
2. On the envelope of holomorphy of a generalized tube in  $C^n$ . ....15, 106-110
3. Some characterizations of Stein manifold through the notion of locally regular boundary points. ....16, 191-198
4. Note on a Cousin-II domain over  $C^2$ . ....17, 44-47
5. Relations between Domains of Holomorphy and Multiple Cousin's Problems. ....17, 261-272
6. On the equivalence of local holomorphy and local holomorphic convexity in two-dimesional normal complex spaces. ....18, 8-15
7. Oka's principle for the extension of holomorphic mappings. ....18, 343-346
8. Domain with many vanishing cohomology sets. ....26, 258-266
- KANDATU, Ayako :
1. Tangent bunble of a manifold with a non-linear connection. ....18, 259-270
- KANNO, Tsuneo :
1. Invariant subfields of rational function fields.....19, 451-453
2. Automorphisms of the Galois group of the algebraic cloure of the rational number field.....25, 446-448
- KATO, Takao :
1. On the uniqueness of the extremal function of harmonic length problem and its application. ....23, 480-485

2. On the number of automorphisms of a compact bordered Riemann surface. ....24, 224-233
  3. A note on analytic self-mappings. (with Y. KUBOTA).....25, 104-110
  4. On conformal rigidity of a Riemann surface.....26, 498-502
  5. Analytic self-mapping inducing the identity on  $H_1(W, Z/mZ)$  .....28, 317-323
  6. On the order of a zero of the theta function.....28, 390-407
- KAWADA, Yukiyoishi :
1. On a characterization of multiple normal distributions. ....1, 41-42
  2. Two remarks on H. Weyl's theorems.....1, 43-46
- KAWAI, Kazumitsu :
1. Extremal properties of quasiharmonic forms and functions. (with L. SARIO) .....23, 267-275
  2. Extremal solutions  $\Delta u = Pu$ . (with L. SARIO) .....23, 276-289
- KAWAKAMI, Yoshiro :
1. Theorems on subharmonic functions in the unit circle. ....8, 158-163
- KAWAMURA, Kazutomo :
1. Asymptotic behavior of sequential design with costs of experiments.....16, 169-182
  2. Asymptotic behavior of sequential design with costs of experiments. (The case of normal distribution.) .....17, 48-52
  3. Asymptotically most informative procedure in the case of exponential families.....19, 61-74
  4. The asymptotic distribution of information per unit cost concerning a linear hypothesis for means of given two normal populations. ....22, 251-271
  5. A limit property of sequential decision process. ....23, 208-214
  6. The structure of bivariate Poisson distribution.....25, 246-256
  7. The diagonal distribution of the bivariate Poisson distribution.....25, 379-384
  8. The structure of trivariate Poisson distribution. ....28, 1-8
- KAWATA, Tatsuo :
1. The Lipschitz condition of a function and Féjer means of Fourier series.....1, 1-4
  2. The harmonic functions in a half-plane and Fourier transforms. ....1, 9-15
  3. On infinite convolutions. (with M. UDAGAWA) .....1, 55-62
  4. Some gap theorems. (with M. UDAGAWA) .....1, 99-102
  5. On gap series. ....2, 21-30
  6. On the relative stability of sums of positive random

- variables.....2, 113-116
7. On the strong law of large numbers. (with M. UDAGAWA).....3, 78-80
  8. Stationary process and harmonic analysis.....5, 41-60
  9. A theorem on Fourier transform. ....6, 22-24
  10. On the stochastic process of random noise. ....7, 33-42
  11. Mean convergence of a Fourier series and a Fourier transform. ....7, 71-78
  12. Typical functions of sums of non-negative independent random variables.....8, 13-22
  13. Some Fourier integral theorems. ....11, 77-87
  14. A theorem of renewal type. ....13, 185-194
- KI, U-Hang :
1. On certain submanifolds of codimension 2 of a locally Fubinian manifold. ....24, 17-27
  2. Cf. YANO, Kentaro 37.
  3. On certain submanifolds of codimension 2 of an almost Tachibana manifold.....24, 121-130
  4. Cf. YANO, Kentaro 38.
  5. Cf. YANO, Kentaro 40.
  6. Cf. YANO, Kentaro 41.
  7. Cf. YANO, Kentaro 43.
  8. On certain  $(f, g, u, v, \lambda)$ -structures. (with J. S. PAK) .....25, 435-445
  9. On  $(f, g, u_{(k)}, \alpha_{(k)})$ -structures. (with J. S. PAK and H. B. SUH) .....26, 160-175
  10. On hypersurfaces with normal  $(f, g, u_{(k)}, \alpha_{(k)})$ -structure in an even-dimensional sphere. (with H. B. SUH) .....26, 424-437
  11. Cf. YANO, Kentaro 58.
  12. Cf. YANO, Kentaro 59.
- KIJIMA, Yōichi :
1. Cf. CHODA, Hisashi 1.
  2. A fixed point theorem for nonexpansive mappings in metric space. (with W. TAKAHASHI) .....21, 326-330
  3. Cf. EGUCHI, Masayoshi 1.
  4. Cf. EGUCHI, Masayoshi 2.
- KIMURA, Naoki :
1. A note on normed ring.....1, 63-64
  2. Independency of axioms of lattices. ....2, 14-14
  3. Maximal subgroups of a semigroup.....6, 85-88
  4. On some examples of semigroups.....6, 89-92
  5. Cf. TAMURA, Takayuki 4.



6. Cf. TAMURA, Takayuki 6.

KIMURA, Shigeru :

1. On prime entire functions. ....24, 28-33
2. On prime entire functions, II. ....24, 277-280
3. Cf. HIROMI, Genkō 6.
4. On the value distribution of entire functions  
of order less than one. ....28, 28-32

KINOKUNIYA, Yoshio :

1. Mean-value theorem and distribution densities. ....2, 53-55

KINUKAWA, Masakiti :

1. On certain strong summability of a Fourier power series. ....9, 12-22

KISHI, Masanori :

1. Positive idempotents on a locally compact abelian group. ..27, 181-186

KOBAYASHI, Minoru :

1. Invariant submanifolds of an  $f$ -manifold with complemented  
frames. (with S. TSUCHIYA) ....24, 430-450
2. Cf. TSUCHIYA, Susumu 2.
3. Holomorphic isomorphism which preserves certain  
holomorphic sectional curvature (with S. TSUCHIYA) .....29, 103-119

KOBAYASHI, Shōji :

1. Schwarz's lemma in  $H_p$  spaces. ....27, 291-299
2. On  $H_q$  classification of plane domains. ....27, 458-463

KOBAYASHI, Tadashi :

1. On the radial distribution of zeros and poles of a  
meromorphic function. ....26, 58-68
2. On the deficiency of an entire function of finite genus. ....27, 320-328
3. On the lower order of an entire function. ....27, 484-495
4. Distribution of values of entire functions of  
lower order less than one. ....28, 33-37
5. On a Characteristic property of the exponential function. ....29, 130-156

KODAIRA Kunihiko :

1. On the existence of analytic functions on closed  
analytic surfaces. ....1, 21-26

KOMATSU, Keiichi

1. The Galois group of the algebraic closure  
of an algebraic number field. ....26, 44-52
2. On the adèle rings of algebraic number fields. ....28, 78-84

KOMATU, Yūsaku :

1. Conformal mapping of polygonal domains. ....1, 47-50
2. Existence theorem of conformal mapping of

- doubly-connected domains. ....1, 83-84
3. On Robin's constant and a distortion theorem. ....2, 37-39
4. On distortion in schlicht mappings. (with H. NISHIMIYA).....2, 47-50
5. On a theorem of W. Gustin. (with H. NISHIMIYA) .....2, 67-68
6. Representation of functions analytic in a multiply  
connected domain. ....2, 69-72
7. Conformal mapping of multiply connected domains, I.  
(with M. OZAWA).....3, 81-95
8. Mittlere Verzerrungen bei konformer Abbildung eines  
aufgeschlitzten Streifens. ....4, 1-4
9. Conformal mapping of multiply connected domains, II.  
(with M. OZAWA) .....4, 39-44
10. Integralformel betreffend Neumannsche Randwertaufgabe  
für einen Kreisring. ....5, 37-40
11. On mixed boundary value problems (with I. HONG) .....5, 65-76
12. Identities concerning canonical conformal mapping. ....5, 77-83
13. A mixed boundary value problem for an annulus.  
(with I. HONG) .....6, 1-3
14. Eine Bemerkung über Neumannsche Randwertaufgabe.....6, 38-42
15. Alternative expressions for probability-generating  
functions concerning an inherited character after  
a panmixia. ....6, 43-54
16. On transference of boundary value problems. ....6, 71-80
17. A supplement to "On transference of boundary value  
problems".....6, 97-100
18. Über eine Übertragung zwischen Randwertaufgaben  
für einen Kreisring. ....6, 101-108
19. On transference between boundary value problems for a  
sphere. (with H. MIZUMOTO) .....9, 115-120
20. Probabilistic investigations on population genetics. ....7, 1-7
21. On boundary value problems for a rectangle.....7, 8-14
22. Further supplement to "On transference of boundary  
value problems". ....8, 1-8
23. A coefficient problem for functions univalent in an  
annulus. ....8, 49-70
24. On the coefficient of typically-real Laurent series.....9, 42-48
25. Integraldarstellungen für gewisse analytische Funktionen  
nebst den Anwendungen auf konforme Abbildung. ....9, 69-86
26. On conformal mapping of a domain with convex or  
star-like boundary. ....9, 105-139

27. On analytic functions with positive real part in a circle.....10, 64-83
28. On analytic functions with positive real part in an annulus. ....10, 84-100
29. On convolution of power series. ....10, 141-144
30. On the range of analytic functions with positive real part. ....10, 145-160
31. On coefficient problems for some particular classes of analytic functions.....11, 124-130
32. On a correspondence between classes of functions with positive real part in annuli. ....11, 147-157
33. On the trigonometric moment problem with reference to a class of analytic functions in an annulus. ....12, 15-20
34. On starlike and convex mappings of a circle. ....13, 123-126
35. On angular derivative. ....13, 167-179
36. On fractional angular derivative.....13, 249-254
37. On an extension of a theorem of Wolff. ....14, 1-5
38. On conformal slit mapping. ....15, 220-225
39. Conformal mapping onto polygons bounded by spiral arcs. (with H. NISHIMIYA).....16, 243-248
40. Supplement to conformal mapping onto polygons bounded by spiral arcs.....17, 27-29
41. Über analytische Funktionen, die in einer Halbebene positiven reellen Teil besitzen. ....22, 219-230
- KON, Masahiro :
1. Invariant submanifolds of normal contact metric manifolds.....25, 330-336
  2. Kaehler immersions with vanishing Bochner curvature tensors. ....27, 329-333
  3. Cf. YANO, Kentaro 53.
- KONDO, Koiti :
1. A remark to Toeplitz's theorem on normal matrix. ....2, 56-56
  2. On knotgroups of parallelknots. ....9, 67-68
- KONISHI, Mariko (=TANI, M.):
1. Cf. YANO, Kentaro 31.
  2. On a piece of surface in a fibred space. ....24, 176-194
  3. Cf. ISHIHARA, Shigeru 17.
  4. On manifolds with Sasakian 3-structure over quaternion Kaehler manifolds.....26, 194-200
  5. On Riemannian manifolds with Sasakian 3-structure of constant horizontal sectional curvature.

- (with S. FUNABASHI) .....27, 362-366
- KORIYAMA, Akira :
1. On canonical stratifications. ....24, 146-167
- KOTO, Satoshi :
1. Infinitesimal transformations of a manifold with  $f$ -structure. ....16, 116-126
  2. On an invariant tensor under a  $CL$ -transformation.  
(with M. NAGAO) .....18, 87-95
- KUBO, Yoshiko (=WATANABE, Y.):
1. Invariant submanifolds of codimension 2 of a manifold with  $(F, G, u, v, \lambda)$ -structure. ....24, 50-61
  2. A characterization of the almost  $*O$ -manifold. ....24, 270-276
  3. Vector fields in a metric manifold with torsion and boundary.....24, 383-395
  4. Kaehlerian manifolds with vanishing Bochner curvature tensor. ....28, 85-89
- KUBOTA, Tomio :
- 1, Cf. ABE, Yoshihumi 1.
- KUBOTA, Yoshihisa :
1. On the group of  $(1, 1)$  conformal mappings of an open Riemann surface onto itself.....20, 107-117
  2. On analytic mappings of a certain Riemann surface onto itself. ....21, 73-84
  3. On meromorphic functions of order zero. ....21, 405-412
  4. Cf. OZAWA, Mitsuru 74.
  5. Cf. OZAWA, Mitsuru 76.
  6. Cf. KATO, Takao 3.
  7. Cf. OZAWA, Mitsuru 79.
  8. On extremal problems which correspond to algebraic univalent functions.....25, 412-428
  9. A coefficient inequality for certain meromorphic univalent functions. ....26, 85-94
  10. On the fourth coefficient of meromorphic univalent functions. ....26, 267-288
  11. Coefficients of meromorphic univalent functions. ....28, 253-261
  12. A remark on the third coefficient of meromorphic univalent functions. ....29, 197-206
- KUDO, Keiko :
1. A geometric condition for smoothability of combinatorial manifolds. (with H. NOGUCHI) .....15, 239-244

- KUNISAWA, Kiyonori :
1. On the mixed Markoff process. ....1, 68-72
  2. A remark on the dispersion. ....3, 71-72
- KURAMOCHI, Zenjiro :
1. On analytic functions in a neighbourhood of boundary points of Riemann surfaces. ....27, 62-83
- KURANISHI, Masatake :
1. Cf. TÔYAMA, Hiraku 1.
  2. Two elements generations on semi-simple Lie groups.....1, 89-90
  3. Cf. TÔYAMA, Hiraku 6.
- KURIBAYASHI, Akikazu :
1. On functions of bounded Dirichlet integral. ....7, 30-32
  2. On continuability of bilinear differentials. ....10, 105-108
- KURODA, Tadashi :
1. Note on an open Riemann surface. ....3, 61-63
  2. Note on an open Riemann surface, II.....4, 36-38
  3. Cf. OZAWA, Mitsuru 30.
- KUROKI, Nobuaki :
1. Cf. HEAD, Tom 1.
- KUSUNOKI, Yukio :
1. Beiträge zur Theorie der analytischen Differentials und Funktionen. ....26, 446-453
- L**
- LAL, Shiva N. :
1. Cf. RAM, R. D. 1.
- LEE, Boo Sang :
1. On regularly branched three-sheeted covering Riemann surfaces.....20, 170-185
  2. On univalent entire functions. ....24, 168-171
- LIN, I-Hsiung :
1. A remark on Royden's compactification of Riemannian spaces. ....22, 338-340
- LIU, Richard Chieng :
1. Cf. TACHIBANA, Shun-ichi 2.
- LUDDEN, Gerald D. :
1. Submanifolds of manifolds with an  $J$ -structure. ....21, 160-166
  2. Cf. BLAIR, David E. 1.
  3. Cf. BLAIR, David E. 2.

4. Cf. BLAIR, David E. 5.

## M

MACHADO, Hilton Vieira :

1. A characterization of convex subsets of normed spaces. ....**25**, 307-320

MAEDA, Masao :

1. A note on noncompact Riemannian manifolds. ....**25**, 377-378  
 2. On the total curvature of noncompact  
 Riemannian manifolds. ....**26**, 95-99

MAEDA, Yoshiaki :

1. On a characterization of quaternion projective  
 space by differential equations. ....**27**, 421-431

MAKABE, Hajime :

1. On the approximation to limiting distributions.  
 (with H. MORIMURA) .....**8**, 31-40  
 2. On the approximations to some limiting distributions with  
 some applications.....**14**, 123-133  
 3. On approximations to some limiting distributions  
 with applications to the theory of sampling inspections  
 by attributes.....**16**, 1-17

MARUYAMA, Gisiro :

1. On an asymptotic property of a gap sequence. ....**2**, 31-32  
 2. Notes on Wiener integrals. ....**2**, 41-44

MARUYAMA, Shigeya :

1. Remarks on Haar measure.....**10**, 54-57  
 2. On orispherical subgroups of a semisimple Lie group. ....**20**, 12-17  
 3. Conjugate classes of orispherical subalgebras in real  
 semisimple Lie algebras.....**20**, 18-28

MASUDA, Kazuo :

1. Morse functions on some algebraic varieties. ....**26**, 216-229

MATSUMOTO, Kōzi :

1.  $\varphi$ -transformations on a  $K$ -contact Riemannian manifold. ....**28**, 135-143

MATSUMURA, Yoshimi :

1. Note on Shimoda's three sphere theorem. ....**7**, 45-48

MATSUYAMA, Yoshio :

1. Complex hypersurfaces of the product of two  
 complex space forms. ....**28**, 144-149

MAZHAR, S. M. :

1.  $|\bar{N}, p_n|$  summability factors of infinite series. ....**18**, 96-100

2. Errata. ....18, 258
- MEYER-König, Werner :
1. Cf. ISHIGURO, Kazuo 4.
- MICHELL, Theodore :
1. Fixed points of reversible semigroups of nonexpansive mappings.....22, 322-323
- MILLER, Sanford S. :
1. An arclength problem for  $m$ -fold symmetric univalent functions. ....24, 195-202
- MINAGAWA, Takizo :
1. Cf. HOMMA, Tatsuo 1.
  2. An elementary method to derive the normal form of  $N$ -dimensional real Euclidean rotation. ....1, 37-38
  3. Remarks on the infinitesimal rigidity of closed convex surfaces. ....8, 41-48
- MINDA, C. D. :
1. Square integrable differentials on Riemann surfaces. ....27, 308-312
- MISONOU, Yosinao :
1. On the compactification of topological spaces. (with Z. TAKEDA) ....4, 17-18
  2. Operator algebras of type I. ....5, 87-90
- MIYADERA, Isao :
1. A note on strongly ergodic semi-group of operators. ....7, 55-58
- MIYAHARA, Yasushi :
1. A remark on the space of closed Riemann surfaces with ordinary Weierstrass points. ....17, 122-128
  2. On some conformal equivalence conditions of compact Riemann surfaces.....20, 209-217
- MIZUMOTO, Hisao :
1. Cf. KOMATSU, Yûsaku 19.
  2. On Riemann surfaces with finite spherical area.....9, 87-96
  3. On conformal mapping of a multiply-connected domain onto a canonical covering surface. ....10, 177-188
  4. On conformal mapping of a multiply-connected domain onto a canonical covering surface, II. ....12, 11-14
  5. On conformal mapping of a Riemann surface onto a canonical covering surface. ....12, 57-69
  6. On conformal mapping of a multiply-connected domain onto a circular slit covering surface. ....13, 127-134
  7. A note on an abelian covering surface, I. ....15, 29-51

8. A note on an abelian covering surface, II. ....16, 129-168
  9. Periods of differentials and relative extremal length, I. ....21, 205-222
  10. Periods of differentials and relative extremal length, II. ....21, 399-404
  11. An application of Green's formula of a discrete function :  
Determination of periodicity moduli, I. ....22, 231-243
  12. An application of Green's formula of a discrete function :  
Determination of periodicity moduli, II. ....22, 244-249
  13. On harmonic difference forms on a manifold. ....27, 257-270
- MOCHIZUKI, Nozomu
1. Quasi-normal analytic spaces, II. ....25, 362-366
- MOGI, Isamu :
1. On harmonic field in Riemannian manifold. ....2, 61-66
  2. A remark recurrent curvature spaces. ....2, 73-74
- MOK, Kam-Ping :
1. Metrics and connections on the cotangent bundle. ....28, 226-238
- MORI, Akira :
1. Valiron's theorem on Picard's curves. ....2, 101-103
  2. A remark on the class  $O_{HD}$  of Riemann surfaces. ....4, 57-58
- MORI, Toshio :
1. Cf. HATORI, Hirohisa 14.
  2. Cf. HATORI, Hirohisa 15.
  3. Cf. HATORI, Hirohisa 16.
  4. Cf. HATORI, Hirohisa 17.
  5. Cf. HATORI, Hirohisa 18.
  6. Cf. HATORI, Hirohisa 19.
  7. Cf. HATORI, Hirohisa 20.
- MORIMURA, Hidenori :
1. Cf. MAKABE, Hajime 1.
  2. On a renewal theorem. ....8, 125-133
  3. Correction to the paper "On a renewal theorem". ....10, 46-46
  4. Some limit theorems concerning with the renewal numbers. ..10, 47-53
  5. A note on sums of independent random variables. ....13, 255-260
  6. On the relation between the distributions of the queue size  
and the waiting time. ....14, 6-19
- MORIYA, Mizue :
1. On the automorphisms of a certain class of finite rings. ....18, 357-367
- MOSKAL, E. M. :
1. Cf. GOLDBERG, S. I. 4.
  2. On the tridegree of forms on  $f$ -manifolds. ....28, 115-128



MOTOO, Minoru :

1. Cf. FUJIMAGARI, Tetsuo 1.

MURAKAMI, Shingo :

1. On unitary representations of compact groups. ....3, 15-18

MUTŌ, Hideo :

1. On the existence of analytic mappings. ....18, 24-35
2. Cf. HIROMI, Genkō 4.
3. Cf. HIROMI Genkō 5.
4. On analytic mappings among algebroid surfaces. ....21, 191-204
5. Analytic mappings between two ultrahyperelliptic surfaces. ....22, 53-60
6. Entire functions with maximal deficiency sum. ....23, 505-512
7. A remark on analytic mappings between two ultrahyperelliptic surfaces. (with K. NIINO) ....26, 103-107
8. On the family of analytic mappings among ultrahyperelliptic surfaces. ....26, 454-458

MUTŌ, Yoshio :

1. On some almost analytic tensor fields in almost complex manifolds. ....19, 454-469
2. Cf. YANO, Kentaro 16.
3. On infinitesimal deformations of closed hypersurfaces. ....21, 151-159
4. Distribution and critical curves in a Riemannian manifold. ...23, 363-384
5. Critical Riemannian metrics on product manifolds. ....26, 409-423

## N

NAGAMI, Keio :

1. Alexandroff's mapping theorem for paracompact spaces. ....7, 21-22

NAGANO, Tadashi :

1. The projective transformation on a space with parallel Ricci tensor. ....11, 131-138

NAGAO, Mitsugi :

1. Cf. KOTO, Satoshi 2.

NAGASAWA, Masao :

1. Isomorphisms between commutative Banach algebras with an application to rings of analytic functions. ....11, 182-188
2. The adjoint process of a diffusion with reflecting barrier. ...13, 235-248
3. Remarks to "The adjoint process of a diffusion with reflecting barrier". (with K. SATO) ....14, 119-122
4. Some theorems on time change and killing of

- Markov processes. (with K. SATO).....15, 195-219
5. Cf. IKEDA, Nobuyuki 1.
  6. Construction of branching Markov processes with age and sign. ....20, 469-508
- NAGATA, Masayoshi :
1. Cf. ITÔ, Noboru 1.
- NAGURA, Shohei, (=SUGIYAMA, S.):
1. Faber's polynomials. ....1, 85-86
  2. Faber's polynomials, II. ....2, 15-16
  3. Kernel functions on Riemann surfaces. ....3, 73-76
  4. Behavior of kernel functions on boundaries.....4, 54-54
- NAKA, Reiko :
1. Certain hypersurfaces in the Euclidean sphere. ....28, 9-18
- NAKAGAMI, Yoshiomi :
1. A remark on probabilistical definiteness for self-adjoint operators. ....19, 229-235
  2. Cf. CHODA, Hisashi 1.
  3. Infinite tensor products of von Neumann algebras, 1.....22, 341-354
- NAKAGAWA, Hisao :
1. On birecurrent tensors. ....18, 48-50
  2.  $f$ -structures induced on submanifolds in spaces, almost Hermitian or Kaehlerian. ....18, 161-183
  3. On the automorphism groups of  $f$ -manifolds.....18, 251-257
  4. On framed  $f$ -manifolds. ....18, 293-306
  5. On hypersurfaces with constant scalar curvature in Riemannian manifold of constant curvature. (with I. YOKOTE) .....24, 471-481
  6. Compact hypersurfaces in an odd dimensional sphere. (with I. YOKOTE) .....25, 225-245
- NAKAI, Mitsuru :
1. The space of non-negative solutions of the equation  $\Delta u = Pu$  on a Riemann surface. ....12, 151-178
  2. On Evans' solution of the equation  $\Delta u = Pu$  on Riemann surfaces.....15, 79-93
  3. Continuity of mappings of vector lattices with norms and seminorms. (with L. SARIO) .....22, 473-479
  4. Dirichlet finite solutions of  $\Delta u = Pu$  on open Riemann surfaces.....23, 385-397
  5. Relative Evans potentials. ....26, 478-484

NAKAMURA, Gisaku :

1. Cf. UDAGAWA, Kanehisa 1.

NAKAMURA, Masahiro :

1. On a lemma of Sunouchi and Yano. ....5, 127-128
2. On a proposition of von Neumann. (with H. UMEGAKI) .....8, 142-144
3. The permutability in a certain orthocomplemented lattice. ..9, 158-160
4. A proof of a theorem of Takesaki. ....10, 189-190
5. A remark on the expectations of operator algebras.  
(with M. TAKESAKI and H. UMEGAKI) .....12, 82-90

NAKAMURA, Tetsuo :

1. A remark on unipotent groups of characteristic  $p > 0$ . ....23, 127-130
2. On  $l$ -adic representations attached to certain  
abelian varieties over algebraic number fields. ....28, 110-114

NAKAMURA, Yatsuka :

1. Measure-theoretic construction for information theory. ....21, 133-150
2. A non-ergodic compound source with a mixing input  
source and an Adler ergodic channel. ....22, 159-165
3. Entropy and semivaluations on semilattices. ....22, 443-468

NAKANO, Minoru :

1. On a system of linear ordinary differential equations  
with a turning point. ....21, 1-15
2. On a system of linear ordinary differential equations  
related to a turning point problem. ....21, 472-490
3. On a secondary turning point problem.  
(with T. NISHIMOTO) .....22, 355-384
4. Second order linear ordinary differential equations with  
turning points and singularities I. ....29, 88-102

NAKAYAMA, Shigeru :

1. Cf. SUGURI, Tsuneo 1.

NAKAYAMA, Tadasi :

1. Note on 3-factor sets. ....1, 51-54

NEGISHI, Hiroshi :

1. Semicontinuous channels with a past history.  
(with K. YOSHIHARA) .....19, 53-60

NICKEL, Paul A. :

1. The linear operator method and linear  $\mathfrak{S}$  topologies. ....24, 396-402
2. Continuity of the linear operator method for  
strict and weak measure topologies. ....27, 401-409

NIINO, Kiyoshi :

1. Cf. HIROMI, Genkō 2.

2. On regularly branched three-sheeted covering Riemann surfaces.....18, 229-250
  3. On finite modifications of two- or three-sheeted covering open Riemann surfaces. ....19, 415-424
  4. On the family of analytic mappings between two ultrahyperelliptic surfaces.....21, 182-190
  5. On the family of analytic mappings between two ultrahyperelliptic surfaces, II. ....21, 491-495
  6. Deficiencies of an entire algebroid function. (with M. OZAWA). ....22, 98-113
  7. Deficiencies of an entire algebroid function, II. (with M. OZAWA) .....22, 178-187
  8. On a problem of R. Nevanlinna concerning some class of entire functions. ....24, 308-314
  9. On the growth of algebroid functions of finite lower order.....25, 385-391
  10. On the growth rate of compositions of entire functions. ....25, 429-434
  11. Cf. MUTŌ, Hideo 7.
  12. On the growth rate of compositions of entire and meromorphic functions. ....26, 289-293
  13. Spread relation and value distribution in an angular domain of holomorphic curves. ....28, 361-371
- NIKAIDO, Hukukane :
1. Zum Beweis der Verallgemeinerung des Fixpunktsatzes.....5, 13-16
  2. Zusatz und Berichtigung für meine Mitteilung "Zum Beweis der Verallgemeinerung des Fixpunktsatzes" in diesen Reports, Bd, 5, Nr. 1, 1953. ....6, 11-12
- NINOMIYA, Nobuyuki :
1. A note on the transfinite diameter. ....27, 300-307
- NISHIMIYA, Han :
1. Cf. KOMATU, Yûsaku 4.
  2. Cf. KOMATU, Yûsaku 5.
  3. On a coefficient problem for analytic functions typically-real in an annulus. ....9, 59-66
  4. On coefficient-regions of Laurent series with positive real part. ....11, 25-39
  5. Cf. KOMATU, Yûsaku 39.
- NISHIMOTO, Toshihiko :
1. On matching methods in turning point problems. ....17, 198-221
  2. On matching methods in a linear ordinary differential

- equation containing a parameter, I. ....17, 307-328
3. On a matching method for a linear ordinary differential equation containing a parameter, II. ....18, 61-86
  4. On a matching method for a linear ordinary differential equation containing a parameter, III. ....19, 80-94
  5. A turning point problem of an  $n$ -th order differential equation of hydrodynamic type. ....20, 218-256
  6. A remark on a turning point problem. ....21, 58-63
  7. On the central connection problem at a turning point. ....22, 30-44
  8. Cf. NAKANO, Minoru 3.
  9. On the Orr-Sommerfeld type equations, I; W. K. B. approximation. ....24, 281-307
  10. On an extension theorem and its application for turning point problems of large order. ....25, 458-489
  11. Global solutions of certain fourth order differential equations. ....27, 128-146
  12. Asymptotic behavior of the W-K-B approximations near a stokes curve ....29, 71-87
  13. On the Orr-Sommerfeld type equations, II Connection formulas. ....29, 233-249
- NISHIMURA, Shōichi :
1. Cf. HORIBE, Yasuichi 4.
  2. The strong converse theorem in the decoding scheme of list size  $L$ . ....21, 418-425
- NISHIOKA, Kunio :
1. On the stability of two-dimensional linear stochastic systems. ....27, 211-230
- NOGUCHI, Hiroshi :
1. On mappings defined on 2-spheres. ....4, 109-110
  2. A generalization of absolute neighborhood retracts. ....5, 20-22
  3. A characterization of homotopically labil points. ....6, 13-16
  4. Cf. KUDO, Keiko 1.
- NOGUCHI, Junjirō :
1. On the deficiencies and the existence of Picard's exceptional values of entire algebroid functions. ....26, 29-35
- NOZAKI, Yasuo :
1. On generalized transfinite diameter. ....2, 3-10
  2. On generalization of Frostman's lemma and its applications. ....10, 113-126
  3. On Riemann-Liouville integral of ultra-hyperbolic type. ....16, 69-87

## O

## OGIUE, Koichi :

1. On almost contact manifolds admitting axiom of planes  
or axiom of free mobility.....**16**, 223-232
2. On fiberings of almost contact manifolds. ....**17**, 53-62
3. Theory of conformal connections. ....**19**, 193-224
4.  $G$ -structures of higher order.....**19**, 488-497
5. On almost contact structures. ....**19**, 498-506
6. On cocomplex structures. (with M. OKUMURA) .....**19**, 507-512
7.  $G$ -structures defined by tensor fields.....**20**, 54-75
8. On concurrent structures. ....**20**, 103-106
9. A remark on complex hypersurfaces of complex  
projective spaces. ....**20**, 509-511
10. Complex submanifolds of the complex projective space  
with second fundamental form of constant length. ....**21**, 252-254

## OHKUMA, Tadashi :

1. A note on the ordinal power and the lexicographic  
product of partially ordered sets.....**4**, 19-22
2. On discrete homogeneous chains. ....**4**, 23-30
3. Structure of homogeneous chains. ....**5**, 1-12

## OIKAWA, Kôtarô :

1. Notes on conformal mappings of a Riemann  
surface onto itself.....**8**, 23-30
2. A supplement to "Notes on conformal mappings of a  
Riemann surface onto itself".....**8**, 115-116
3. On the prolongation of an open Riemann surface  
of finite genus.....**9**, 34-41
4. A distortion theorem on schlicht functions.....**9**, 140-144
5. Welding of polygons and the type of Riemann surface..... **13**, 37-52
6. On parallel slit mappings. (with N. SUITA).....**16**, 249-254
7. Minimal slit regions and linear operator method. ....**17**, 187-190
8. On conformal mappings onto incised radial slit disks.  
(with N. SUITA).....**22**, 45-52
9. On angular derivatives of univalent functions.....**27**, 193-210

## OKA, Kiyoshi :

1. Note sur les fonctions analytiques de plusieurs variables. ....**1**, 95-98

## OKUMURA, Masafumi :

1. Certain almost contact hypersurfaces in Euclidean spaces. ....**16**, 44-54
2. Cosymplectic hypersurfaces in Kaehlerian manifold of

- constant holomorphic sectional curvature. ....17, 63-73
3. Certain infinitesimal transformation of normal contact metric manifold. ....18, 116-119
  4. Totally umbilical hypersurfaces of a locally product Riemannian manifold. ....19, 35-42
  5. Cf. OGIUE, Koichi 6.
  6. On contact metric immersion. ....20, 389-409
  7. Cf. YANO, Kentaro 21.
  8. Cf. YANO, Kentaro 27.
  9. Cf. YANO, Kentaro 30.
  10. Cf. YANO, Kentaro 32.
  11. Cf. YANO, Kentaro 36.
- OKUZUMI, Motoichi :
1. Generating elements in a field.....16, 127-128
  2. On Galois conditions in division algebras. ....18, 16-23
  3. The Cartan-Brauer-Hua theorem for algebras. ....18, 193-194
  4. Automorphisms of a free nilpotent algebra. ....20, 374-384
- ONOHAMA, Takuji :
1. On the linear translatable stochastic functional equation.....1, 73-76
- ODAIRA, Hiroshi :
1. Cf. HATORI, Hirohisa 18.
  2. Cf. HATORI, Hirohisa 19.
  3. The law of the iterated logarithm for stationary processes satisfying mixing conditions. (with K. YOSHIHARA) .....23, 311-334
  4. Note on the law of the iterated logarithm for stationary processes satisfying mixing conditions. (with K. YOSHIHARA) .....23, 335-342
  5. Functional central limit theorems for strictly stationary processes satisfying the strong mixing condition. (with K. YOSHIHARA) .....24, 259-269
- ŌTSUKI, Tominosuke :
1. On normal general connections. ....13, 152-166
  2. General connections  $AGA$  and the parallelism of Levi-Civita. ....14, 40-52
  3. On basic curves in spaces with normal general connections. ....14, 110-118
  4. On curvatures of spaces with normal general connections, I.....15, 52-61
  5. On curvatures of spaces with normal general connections, II. ....15, 184-194

6. Ricci's formula for normal general connections and its applications. (with C. S. HOUH) .....17, 74-84
  7. Surfaces in the 4-dimensional Euclidean space isometric to a sphere. ....18, 101-115
  8. A theory of ruled surfaces in  $E^4$ . (with K. SHIOHAMA).....19, 370-380
  9. A theory of Riemannian submanifolds.....20, 282-295
  10. Pseudo-umbilical submanifolds with  $M$ -index  $\leq 1$  in Euclidean spaces. ....20, 296-304
  11. A note on pseudo-umbilical submanifolds with  $M$ -index 1 and codimension 2 in Euclidean spaces. ....21, 233-235
- OZAWA, Mitsuru :
1. Some remarks on conformal mapping of multiply connected domains.....2, 1-2
  2. On bounded analytic functions and conformal mapping, I.....2, 33-36
  3. Some canonical conformal maps and representations. ....2, 51-52
  4. On bounded analytic functions and conformal mapping, II. ..2, 109-112
  5. On an application of Hadamard's variational method to conformal mapping. ....3, 41-42
  6. On classification of the function-theoretic null-sets on Riemann surfaces of infinite genus.....3, 43-44
  7. Cf. KOMATU, Yûsaku 7.
  8. Cf. KOMATU, Yûsaku 9.
  9. Classification of Riemann surfaces. ....4, 63-76
  10. On functions of bounded Dirichlet integral.....4, 95-98
  11. On the conditions of univalence of conformal mapping.....5, 84-86
  12. Remarks on Mr. Ullemer's second harmonic measure. ....5, 93-96
  13. The topology of subharmonic functions. ....5, 97-116
  14. On harmonic dimension. ....6, 33-37
  15. On harmonic dimension, II. ....6, 55-58
  16. On a maximality of a class of positive harmonic functions....6, 65-70
  17. Corrections.....6, 70-70
  18. Some classes of positive solutions of  $\Delta u = Pu$  on Riemann surfaces, I. ....6, 121-126
  19. Some classes of positive solutions of  $\Delta u = Pu$  on Riemann surfaces, II. ....7, 15-20
  20. Some estimations on the Szegö kernel function. ....8, 71-78
  21. On Grötzsch's extremal affine mapping. ....8, 112-114
  22. On Riemann surfaces admitting an infinite cyclic conformal transformation group. ....8, 152-157
  23. A distortion theorem on schlicht functions.....9, 145-157



24. On extremal quasiconformal mappings.....10, 109-112
25. On an approximation theorem in a family of  
quasiconformal mappings. ....11, 65-76
26. On extremal quasiconformal mapping. ....11, 109-123
27. Fredholm eigen value problem for general domains. ....12, 38-44
28. A set of capacity zero and the equation  $\Delta u = Pu$ . ....12, 76-81
29. Positive harmonic function on an end.....12, 143-150
30. On Pfluger's sufficient condition for a set to be  
of class  $N_g$ . (with T. KURODA) .....13, 113-117
31. A supplement to "On Pfluger's sufficient condition  
for a set to be of class  $N_g$ ". .....13, 118-122
32. On the growth of minimal positive harmonic  
functions in a plane region. ....13, 180-184
33. Szegő kernel function on some domains of infinite  
connectivity. ....13, 195-214
34. A supplement to "Szegő kernel function on some  
domains of infinite connectivity". ....13, 215-218
35. On the existence of an essential Picard's perfect set. ....14, 143-148
36. Linear mappings among the function classes on  
Riemann surfaces.....14, 189-250
37. Picard's theorem on some Riemann surfaces.....15, 245-256
38. Rigidity of projection map and the growth of analytic  
functions. ....16, 40-43
39. On the growth of analytic functions.....16, 98-100
40. Remarks on unramified abelian covering surfaces of a  
closed Riemann surface.....16, 101-104
41. On certain coefficient inequalities of univalent functions. ..16, 183-188
42. On the sixth coefficient of univalent function. ....17, 1-9
43. On complex analytic mappings. ....17, 93-102
44. On ultrahyperelliptic surfaces. ....17, 103-108
45. On complex analytic mappings between two  
ultrahyperelliptic surfaces.....17, 158-165
46. On the existence of analytic mappings. ....17, 191-197
47. Cf. HIROMI, Genkō 3.
48. On the existence of analytic mappings, II. ....18, 1-7
49. On an ultrahyperelliptic surface whose Picard's  
constant is three. ....19, 245-256
50. On a finite modification of an ultrahyperelliptic surface. ....19, 312-316
51. A remark on ultrahyperelliptic surfaces. ....19, 381-383
52. On analytic mappings among three-sheeted surfaces.....20, 146-154

53. On rigid analytic mappings among surfaces  $\{e^w=f(z)\}$  .....**20**, 155-158
54. On the solution of the functional equation  $f \circ g(z)=F(z)$  ....**20**, 159-162
55. On the solution of the functional equation  $f \circ g(z)=F(z)$ , II...**20**, 163-169
56. On the solution of the functional equation  $f \circ g(z)=F(z)$ , III...**20**, 257-263
57. On the solution of the functional equation  $f \circ g(z)=F(z)$ , IV ..**20**, 272-278
58. On the solution of the functional equation  $f \circ g(z)=F(z)$ , V. ...**20**, 305-313
59. On the deficiencies of meromorphic functions. ....**20**, 385-388
60. An elementary proof of local maximality for  $a_6$  .....**20**, 437-439
61. On local maximality for the coefficients  $a_6$  and  $a_8$ .....**20**, 440-441
62. On the Bieberbach conjecture for the sixth coefficient. ....**21**, 97-128
63. An elementary proof of the Bieberbach conjecture  
for the sixth coefficient.....**21**, 129-132
64. Deficiencies of an algebroid function. ....**21**, 262-276
65. On an elementary proof of local maximality  
for the coefficient  $a_8$ . ....**21**, 459-462
66. Cf. NIINO, Kiyoshi 6.
67. On the growth of algebroid functions with  
several deficiencies. ....**22**, 122-127
68. On the growth of algebroid functions with several  
deficiencies, II. ....**22**, 129-137
69. On the minimum modulus of an entire algebroid  
function of lower order less than one.....**22**, 166-171
70. Remarks on the existence of analytic mappings. ....**22**, 172-177
71. Cf. NIINO, Kiyoshi 7.
72. On prime entire functions.....**22**, 301-308
73. On prime entire functions, II. ....**22**, 309-312
74. On the eighth coefficient of univalent functions, II.  
(with Y. KUBOTA) .....**23**, 1-59
75. Deficiencies of an entire algebroid function, III. ....**23**, 486-492
76. Bieberbach conjecture for the eighth coefficient.  
(with Y. KUBOTA).....**24**, 331-382
77. A proof of the Bieberbach conjecture for the  
fourth coefficient. ....**24**, 506-512
78. Certain coefficient inequalities for univalent functions. ....**25**, 1-31
79. Bieberbach conjecture for the eighth coefficient, II.  
(with Y. KUBOTA).....**25**, 257-288
80. On the existence of analytic mappings. (with N. SUITA) ....**25** 397-405
81. Radial distribution of zeros and deficiency of a  
canonical product of finite genus. ....**25**, 502-512
82. On certain criteria for the left-primeness of

- entire functions.....26, 304-317
83. On certain criteria for the left-primeness of  
entire functions, II.....27, 1-10
84. Distribution of zeros and poles and deficiencies of a  
meromorphic functions of finite genus. ....27, 168-174
85. Sufficient conditions for an entire function to be  
pseudoprime. ....27, 373-378
86. On the zero-one set of an entire function.....28, 311-316
87. On uniquely factorizable entire functions. ....28, 342-360
88. On the existence of prime periodic entire functions.....29, 308-321

## P

PADMANABHAN, A. R. :

1. Stability and mixing in von Neumann algebras. ....18, 335-342

PAK, Jin Suk :

1. Cf. KI, U-Hang 8.
2. Cf. KI, U-Hang 9.
3. A note on Sasakian manifolds with vanishing  
 $C$ -Bochner curvature tensor.....28, 19-27
4. Cf. EUM Sang-Seup 3.
5. Real hypersurfaces in quaternionic kaehlerian manifolds  
with constant  $Q$ -sectional curvature. ....29, 22-61
6. Cf. YANO, Kentaro 58.

PALLMANN, M. S. :

1. On level curves of Green's functions.....29, 179-185

PATI, T. :

1. A second theorem of consistency for absolute  
summability by discrete Riesz means. ....20, 454-457

PETRIDIS, Nicholas C. :

1. Cf. GOLDBERG, Samuel I. 3.

PHELPS, Dean :

1. Some properties of extremal polynomials for the Ilieff  
conjecture. (with R. S. RODRIGUEZ) ....24, 172-175

## R

RAM, R. D. :

1. On the behaviour of a series associated with the allied  
series of a Fourier series. (with S. N. LAL) ....24, 131-135

RATNAM, Perala :

1. Algebraic functions. ....1, 103-118

RODIN, Burton :

1. Convergence of normal operators. (with L. SARIO) .....19, 165-173

RODRIGUEZ, Rene S. :

1. Cf. PHELPS, Dean 1.

ROSCA, Radu :

1. On almost cosymplectic Lorentzian hypersurfaces immersed in a Lorentzian manifold. ....25, 95-103
2. Quantic manifolds with para-cokählerian structure. ....27, 51-61

## S

SAITOH, Saburo :

1. The kernel functions of Szegő type on Riemann surfaces. ..24, 410-421
2. The Rudin kernel and the extremal functions in Hardy classes. ....25, 37-47

SAITO, Toshiya :

1. Examples of ergodic dynamical systems. ....3, 21-25
2. Differential equations with invariant Pfaffian forms. ....3, 103-117
3. Sur les solutions autour d'un point singulier fixe des équations différentielles du premier ordre. ....5, 121-126
4. On center-type singular points. ....7, 89-96
5. On the system of non-linear differential equations with periodic coefficients. ....8, 97-106
6. A note on the linear differential equations of Fuchsian type with algebraic coefficients. ....10, 58-63
7. On Fuch's relation for the linear differential equation with algebraic coefficients. ....10, 101-104
8. A remark on an irregular singular point of the second order linear differential equation. ....13, 14-19
9. Cf. IWANO, Masahiro 1.

SAKAGUCHI, Minoru :

1. Strategic information and non-cooperative games.....12, 91-101
2. Relative efficiency of the Wald SPRT and the Chernoff information number. ....19, 138-146
3. Interaction information in multivariate probability distributions. ....19, 147-155

SAKAI, Eiichi :

1. Cf. AKAZA, Tohru 2.

- SAKAI, Makoto :
1. On constants in extremal problems of analytic functions. . . . .21, 223-225
  2. Correction to "On constants in extremal problems of analytic functions". . . . .22, 128-128
  3. Univalence of analytic mappings of a Riemann surface into itself. . . . .23, 248-254
  4. On basic domains of extremal functions. . . . .24, 251-258
  5. Continuous linear functionals on the space of bounded harmonic functions. . . . .26, 115-131
- SAKAI, Shoichiro :
1. A remark on Mautner's decomposition. . . . .4, 107-108
- SAKAI, Takashi :
1. On the local version of Pu's problem. . . . .26, 152-159
  2. On the spectre of lens spaces. . . . .27, 249-256
- SAKAI, Yūji :
1. Equimeasurability of functions and doubly stochastic operators. (with T. SHIMOGAKI) . . . . .24, 203-211
- SAKAMOTO, Kunio :
1. Submanifolds satisfying the condition  $K(X, Y) \cdot K = 0$ . . . . .25, 143-152
  2. Complex submanifolds with certain conditions. . . . .27, 334-344
- SARIO, Leo :
1. Cf. RODIN, Burton 1.
  2. Cf. NAKAI, Mitsuru 3.
  3. Cf. KAWAI, Kazumitsu 1.
  4. Cf. KAWAI, Kazumitsu 2.
  5. Harmonic and biharmonic degeneracy. (with C. WANG) . . . . .25, 392-396
  6. Quasiharmonic degeneracy of Riemannian  $N$ -manifolds. . . . .26, 53-57
  7. Harmonic  $L^p$ -functions on Riemannian manifolds. (with C. WANG) . . . . .26, 204-209
  8. Cf. HADA, Dennis 1.
  9. Cf. CHUNG, Lung Och 2.
- SASAKI, Shigeo :
1. On complete flat surfaces in hyperbolic 3-space. . . . .25, 449-457
- SASAKI, Yasuharu :
1. On some family of multivalent functions. . . . .4, 89-92
- SASAO, Seiya :
1. Note on spaces with  $H^*(; Z) = E[x_1, x_2]$ . . . . .27, 163-167
- SATAKE, Ichiro :
1. Cf. IWAHORI, Nagayosi 1.

## SATO, Isuke :

1. Complete lifts from a manifold to its cotangent bundle. ....**20**, 458-468
2. On Betti numbers of certain Sasakian manifolds.....**21**, 387-398
3. On hypersurfaces in even dimensional contact Riemannian manifolds. ....**26**, 230-239
4. On a Riemannian manifold admitting a certain vector field. ....**29**, 250-260

## SATO, Keniti :

1. Cf. NAGASAWA, Masao 3.
2. Cf. NAGASAWA, Masao 4.
3. Cf. IKEDA, Nobuyuki 1.

## SATO, Kiyozo :

1. On frequency response of a hydraulic servomotor. ....**16**, 233-242

## SATO, Masako :

1. Cf. IZUMI, Shin-ichi 1.

## SATO, Shizuko :

1. On the influence of a conformal Killing tensor on the reducibility of compact Riemannian spaces. ....**22**, 436-442

## SATO, Takuji :

1. Cf. SAWAKI, Sumio 5.
2. Cf. TAKAMATSU, Kichiro 4.

## SATO, Tsuneo :

1. Remarks on Hayman's theorems.....**19**, 361-369
2. Deficiencies of an entire algebroid function of finite order. ....**24**, 34-49

## SAWAKI, Sumio :

1. On infinitesimal transformations of almost-Kählerian space and  $K$ -space. ....**16**, 105-115
2. On certain conditions for a  $K$ -space to be isometric to a sphere (with H. TAKAGI).....**20**, 198-208
3. Cf. YANO, Kentaro 26.
4. Cf. YANO, Kentaro 28.
5. Notes on a  $K$ -space of constant holomorphic sectional curvature. (with Y. WATANABE and T. SATO) .....**26**, 438-445
6. Cf. YANO, Kentaro 56.

## SCHIFF, J. L. :

1.  $\Phi$ -bounded solutions of  $\Delta u = Pu$  on a Riemann surface. ....**24**, 217-223

## SEKIGAWA, Kouei :

1. Notes on some 3- and 4-dimensional Riemannian manifolds. ....**24**, 403-409

2. On the Riemannian manifolds of the form  $B \times_r F$ . .....26, 343-347
- SHARMA, P. L. :
1. Absolute Cesàro summability of the factored Fourier series. (with B. L. GUPTA) .....22, 61-64
- SHIBAZAKI, Kōkichi :
1. Remarks on exceptional values of meromorphic functions. ..22, 469-472
  2. On the minimum modulus of a meromorphic algebroid function of lower order less than one half. ....24, 142-145
- SHIGA, Koji :
1. Cf. AMEMIYA, Ichiro 1.
  2. A note on algebras of real-analytic functions. ....17, 119-121
  3. Differential representations of vector fields. (with T. TSUJISHITA) .....28, 214-225
- SHIMBO, Tsunehiko :
1. On harmonic majoration. ....28, 278-283
- SHIMIZU, Tetsuhiro :
1. A remark on derived spaces.....23, 398-401
- SHIMOGAKI, Tetsuya :
1. Cf. SAKAI, Yūji 1.
- SHIOHAMA, Katsuhiko :
1. Surfaces of curvatures  $\lambda=\mu=0$  in  $E^4$ . ....19, 75-79
  2. Cylinders in Euclidean space  $E^{2+N}$ .....19, 225-228
  3. Cf. ŌTSUKI, Tominosuke 8.
  4. Minimal immersions of compact Riemannian manifolds in complete and non-compact Riemannian manifolds.....22, 77-81
- SHOWERS, D. K. :
1. Cf. BLAIR, D. E. 4.
- SIBUYA, Yasutaka :
1. Cf. IWANO, Masahiro 3.
- SINGH, Niranjan :
1. On  $|C, 1|_k$  summability factors of Fourier series. ....19, 289-298
- STONG, R. E. :
1. The rank of an  $f$ -structure. ....29, 207-209
- SUGIYAMA, Shohei (=NAGURA, S.) :
1. Note on singularities of differential equations. ....6, 81-84
  2. On the singularities of the differential equation  $\frac{d^2 y}{dx^2} + f(x, y) \frac{dy}{dx} + g(x, y) = P(x)$ . ....7, 23-29
  3. On the existence and uniqueness theorems of difference-differential equations. ....12, 179-190

4. On the theory of linear difference-differential equation.....13, 1-13
  5. A note on the existence of solutions of  
difference-differential equations. ....14, 31-39
  6. Dependence properties of solutions on the retardation  
and initial values in the theory of difference-differential  
equations.....15, 67-78
  7. On a certain functional-differential inequality. ....17, 273-280
  8. On comparison theorems of nonlinear Volterra  
integral equations. ....27, 147-154
- SUGURI, Tsuneo :
1. Some notes on almost Hermitian manifolds.  
(with S. NAKAYAMA) .....17, 85-92
- SUH, Hyun, Bae :
1. Cf. KI, U-Hang 9.
  2. Cf. KI, U-Hang 10.
- SUITA, Nobuyuki :
1. On Fredholm eigen value problem for plane domains. ....13, 109-112
  2. A distortion theorem of univalent functions related to  
symmetric three points. ....14, 26-30
  3. Cf. OIKAWA, Kôtarô 6.
  4. Minimal slit domains and minimal sets. ....17, 166-186
  5. On radial slit disc mappings. ....18, 219-228
  6. On a continuity lemma of extremal length and its  
applications to conformal mapping. ....19, 129-137
  7. On slit rectangle mappings and continuity of extremal  
length. ....19, 425-438
  8. On circular and radial slit disc mappings. ....20, 127-145
  9. Capacitability and extremal radius. ....20, 442-447
  10. On continuity of extremal distance and its applications  
to conformal mappings. ....21, 236-251
  11. Carathéodory's theorem on boundary elements of an  
arbitrary plane region. ....21, 413-417
  12. Cf. OIKAWA, Kôtarô 8.
  13. Analytic mapping and harmonic length. ....23, 351-356
  14. On a metric induced by analytic capacity.....25, 215-218
  15. Cf. OZAWA, Mitsuru 80.
  16. On a metric induced by analytic capacity II.....27, 159-162
- SUMITA, Yukimasa :
1. Minimal harmonic functions on a Riemann surface. ....18, 51-60



SUNOUCHI, Gen-ichiro :

1. On a theorem of Hardy-Littlewood.....3, 52-54
2. A Fourier series which belongs to the class  $H$  diverges almost everywhere. ....5, 27-28
3. On the absolute summability factors. ....6, 59-62
4. Abel summability of derived conjugate Fourier series. ....7, 85-88

SUNOUCHI, Haruo :

1. A characterization of the maximal ideal in a factor of the case  $(II_\infty)$ . ....6, 7-7
2. A characterization of the maximal ideal in a factor, II.....7, 65-66

SUZUKI, Hideaki :

1. Notes on  $(f, U, V, u, v, \lambda)$ -structures. ....25, 153-162

SUZUKI, Junji :

1. Some notes on Picard constant. (with N. TODA) .....26, 69-74

SUZUKI, Takao :

1. On the system of integral equations of Volterra type with infinitely many unknown functions. ....13, 25-36

SUZUKI, Tsugio :

1. On deficiencies of an entire algebroid function. ....24, 62-74

## T

TACHIBANA, Shun-ichi :

1. Cf. TASHIRO, Yoshihiro 1.
2. Notes on Kählerian metrics with vanishing Bochner curvature tensor. (with R.C. LIU) .....22, 313-321

TAIRA, Kazuaki :

1. On non-homogeneous boundary valued problems for elliptic differential operators. ....25, 337-356

TAKAGI, Hitoshi :

1. Cf. SAWAKI, Sumio 2.

TAKAGI, Ryoichi :

1. Gauss map in a sphere. ....22, 82-88

TAKAHASHI, Hideo :

1. Degrees of maps and homotopy type. ....28, 59-62

TAKAHASHI, Toshio :

1. A note on certain hypersurfaces of Sasakian manifolds. ....21, 510-516
2. Simple proof of a theorem on transversal hypersurfaces of a certain Sasakian manifold. ....25, 32-33

## TAKAHASHI, Wataru :

1. Cf. KIJIMA, Yōichi 2.
2. Fixed point theorem for amenable semigroup of nonexpansive mappings. ....21, 383-386
3. A convexity in metric space and nonexpansive mappings, I. ....22, 142-149
4. Invariant ideals for amenable semigroups of Markov operators. ....23, 121-126
5. Invariant functions for amenable semigroups of positive contractions on  $L^1$ . ....23, 131-143

## TAKAHASHI, Yukio :

1. Markov chains with random transition matrices. ....21, 426-447

## TAKAMATSU, Kichiro :

1. On a decomposition of an extended contravariant almost analytic vector in a compact  $K$ -space with constant scalar curvature. ....20, 186-197
2. Some properties of 6-dimensional  $K$ -spaces. ....23, 215-232
3. Cf. WATANABE, Yoshiyuki 1.
4. A  $K$ -space of constant holomorphic sectional curvature. (with T. SATO) ....27, 116-127

## TAKANO, Kinsaku :

1. A note on the concentration functions. ....2, 13<sup>c</sup>-13

## TAKEDA, Ziro :

1. Cf. MISONOU, Yoshinao 1.
2. A note on Fourier-Stieltjes integral. ....4, 59-61
3. Perfection of measure spaces and  $W^*$ -algebras. ....5, 23-26
4. Note on Fourier-Stieltjes integral, II. ....5, 33-36

## TAKEMURA, Yoshiya :

1. Cf. FUNABASHI, Shōichi 1.
2. On automorphism groups of quaternion Kähler manifolds... 27, 353-361

## TAKENOUCI, Osamu :

1. Une démonstration directe d'un théorème de M.G.W. Mackey. ....3, 49-50

## TAKESAKI, Masamichi :

1. A note on the cross-norm of the direct product of operator algebra. ....10, 137-140
2. A note on the direct product of operator algebras. ....11, 178-181
3. On the Hahn-Banach type theorem and the Jordan decomposition of module linear mapping over some operator algebras. ....12, 1-10

4. Cf. NAKAMURA, Masahiro 5.
  5. On the non-separability of singular representation of operator algebra. ....12, 102-108
- TALMAN, Louis A. :
1. Fixed points for condensing multifunctions in metric spaces with convex structure. ....29, 62-70
- TAMURA, Takayuki :
1. On compact one-idempotent semigroups. ....6, 17-21
  2. Note on unipotent invertible semigroups. ....6, 93-95
  3. Supplement to the paper "On compact one-idempotent semigroups". ....6, 96-96
  4. On decomposition of a commutative semigroup.  
(with N. KIMURA) ....6, 109-112
  5. On translations of a semigroup.....7, 67-70
  6. Existence of greatest decomposition of a semigroup.  
(with N. KIMURA) ....7, 83-84
  7. Notes on translations of a semigroup. ....10, 9-26
- TANAKA, Chuji :
1. Note on Laplace-transforms, (II) On some class of Laplace-transforms, (I). ....3, 55-58
  2. Note on Laplace-transforms, (III) On Some class of Laplace-transforms, (II). ....3, 59-60
  3. Note on Laplace-transforms, (IV) On the determination of the regularity-abscissa, (I).....3, 64-66
  4. Note on Laplace-transforms, (V) On the determination of the regularity-abscissa, (II). ....3, 67-70
  5. Note on Laplace-transforms, (VI) On the distribution of zeros of partial sums of Laplace-transforms.....3, 96-99
  6. Note on Laplace-transforms, (VII) On the overconvergence and singularities of Laplace-transforms. ....3, 100-102
  7. Note on Dirichlet series, (VII) On the distribution of values of Dirichlet series on the vertical lines.....4, 5-8
  8. Note on Dirichlet series, (VIII) On the singularities of Dirichlet series, (V).....4, 9-12
  9. Note on Laplace-transforms, (XII) On the summability-abscissas of Laplace-transforms. ....4, 77-88
  10. An extension of Kintchine-Ostrowski's theorem and its applications.....9, 97-104
  11. On Julia-lines of Dirichlet series. ....10, 161-171
  12. On the asymptotic values for regular functions

- with bounded characteristic. ....27, 94-115
- TANAKA, Minoru :
1. On invariant closed geodesics under isometries. ....28, 262-277
  2. Invariant closed geodesics under isometries of prime power order. ....29, 120-129
- TANI, Mariko (=KONISHI, M.) :
1. On hypersurfaces with constant  $k$ -th mean curvature.....20, 94-102
  2. Prolongations of hypersurfaces to tangent bundles. ....21, 85-96
  3. Tensor fields and connections in cross-sections in the tangent bundle of order 2. ....21, 310-325
  4. Cf. YANO, Kentaro 18.
  5. Cf. YANO, Kentaro 23.
- TANNO, Shûkichi :
1. Curvature-preserving transformations of  $K$ -contact Riemannian manifolds. ....19, 156-158
  2. Isometric immersions of Sasakian manifolds in spheres. ....21, 448-458
  3. Constancy of holomorphic sectional curvature in almost Hermitian manifolds. ....25, 190-201
- TANNO, Yukichi :
1. An inversion formula for convolution transforms.....8, 79-84
  2. On the convolution transform.....11, 40-50
- TASHIRO, Yoshihiro :
1. On Fubinian and  $C$ -Fubinian manifolds.  
(with S. TACHIBANA) ....15, 176-183
  2. On conformal diffeomorphisms of 4-dimensional Riemannian manifolds. ....27, 436-444
- TIMMANN, Steffen :
1. A bound for the number of automorphisms of a finite Riemann surface. ....28, 104-109
- TODA, Hiroshi :
1. On the homotopy groups of spheres. ....4, 93-94
- TODA, Nobushige :
1. Sur une relation entre la croissance et le nombre de valeurs déficientes de fonctions algébroides ou de systèmes. ....22, 114-121
  2. Sur la croissance de fonctions algébroides à valeurs déficientes. ....22, 324-337
  3. Sur les valeurs déficientes de fonctions algébroides à 2 branches. ....22, 501-514
  4. Cf. SUZUKI, Junji 1.
  5. Sur quelques combinaisons linéaires exceptionnelles

- au sens de Nevanlinna, III. ....26, 294-303
- TÔYAMA, Hiraku :**
1. A note on generators of compact Lie groups.  
(with M. KURANISHI).....1, 17-18
  2. On a non-abelian theory of algebraic functions.....1, 28-35
  3. On discrete subgroups of a Lie group. ....1, 36-37
  4. On commutators of matrices. ....1, 81-82
  5. On some determinant equation. ....4, 31-32
  6. A note on the different of the composed field  
(with M. KURANISHI).....7, 43-44
- TSAGAS, Grigorios :**
1. On the singularities of harmonic 1-forms on a  
Riemannian manifold. ....26, 456-466
- TSUCHIYA, Susumu :**
1. Cf. KOBAYASHI, Minoru 1.
  2. Some conditions for constancy of the holomorphic sectional  
curvature. (with M. KOBAYASHI) .....27,379-384
  3. Cf. KOBAYASHI, Minoru 3.
- TSUJI, Masatsugu :**
1. some matricial theorems on fuchsian groups. ....2, 89-93
  2. On Borel's directions of meromorphic functions of  
finite order, II. ....2, 96-100
  3. On Borel's directions of meromorphic functions of  
finite order, III.....2, 104-108
  4. On the compactness of space  $L^p(p>0)$  and its  
application to integral equations.....3, 33-36
  5. A theorem of Bloch type concerning the Riemann  
surface of an algebraic function of genus  $p \geq 0$ .....3, 77-77
  6. Maximal continuation of a Riemann surface. ....4, 55-56
  7. A remark on Rengel's theorem concerning Szegő's  
conjecture.....5, 117-118
  8. On a non-negative subharmonic function in a half-plane. ....8, 134-141
- TSUJI, Ryōhei :**
1. On conformal mapping of a hyperelliptic Riemann  
surface onto itself. ....10, 127-136
  2. Conformal automorphisms of a compact bordered  
Riemann surface of genus 3. ....27, 271-290
- TSUJISHITA, Toru :**
1. Cf. SHIGA, Koji 3.

TSURUMARU, Takashi :

1. On the commutativity of the  $C^*$ -algebra. ....3, 51-51

TSUZUKI, Masanobu :

1. The spherical derivative of regular and meromorphic functions of bounded characteristic. ....19, 410-414
2. On the characteristic of an algebroid function. ....21, 277-280
3. Some properties of canonical products of finite genus. ....26, 36-43

## U

UCHIDA, Minoru :

1. Cf. HORI, Motoo 1.
2. Cf. HORI, Motoo 2.
3. Cf. HORI, Motoo 3.

UDAGAWA, Kanehisa :

1. On a certain queuing system. (with G. NAKAMURA).....8, 117-124

UDAGAWA, Masatomo :

1. Some properties of asymptotic distributions. ....1, 5-7
2. Cf. KAWATA, Tatsuo 3.
3. Cf. KAWATA, Tatsuo 4.
4. On lacunary non-harmonic trigonometric series.....2, 17-20
5. Cf. KAWATA, Tatsuo 7.
6. On numbers of positive sums of independent random variables.....4, 45-50
7. On some limit theorems for the sums of identically distributed independent variables. ....8, 85-92

UDRIȘTE, Constantin :

1. Almost coquaternion metric structures on 3-dimensional manifolds. ....26, 318-326

UEHARA, Hiroshi :

1. On a homotopy classification problem. ....3, 7-14

UENO, Masato :

1. On the normalization of bi-quadratic form. ....3, 45-48

UENO, Tadashi :

1. On recurrent Markov process. ....12, 109-142

UGAHERI, Tadashi :

1. On a certain sequence of chance variables. ....1, 65-67

UMEGAKI, Hisaharu :

1. Operator algebra of finite class. ....4, 123-129
2. Operator algebra of finite class, II. ....5, 61-63

3. Note on irreducible decomposition of a positive linear functional. ....6, 25-32
  4. Cf. NAKAMURA, Masahiro 2.
  5. Weak compactness in an operator space. ....8, 145-151
  6. Conditional expectation in an operator algebra, III. ....11, 51-64
  7. Cf. NAKAMURA, Masahiro 5.
  8. Conditional expectation in an operator algebra, IV. (Entropy and information.) ....14, 59-85
  9. A functional method on amount of entropy. ....15, 162-175
  10. General treatment of alphabet-message space and integral representation of entropy. ....16, 18-26
  11. A functional method for stationary channels. ....16, 27-39
  12. Supplement and correction to the preceding paper. A functional method for stationary channels. ....16, 189-190
- URABE, Hironobu :
1. On certain entire functions which together with their derivatives are prime (with C.-C. YANG).....29, 167-178
- UTUMI, Yuzo :
1. On complemented modular lattices meet-homomorphic to a modular lattice. ....4, 99-100
  2. On primary elements of a modular lattice. ....4, 101-103
  3. On primal elements in a modular lattice. ....5, 29-30
- V
- VANHECKE, L. :
1. Immersions of codimension two with trivial normal connexion into elliptic spaces. (with L. VERSTRAELEN) .....27, 231-248
  2. Mean curvatures for antiholomorphic  $p$ -planes in some almost Hermitian manifolds.....28, 51-58
  3. On  $\gamma$ -fold (4,2)- and  $f$ -products.....28, 162-181
  4. Almost hermitian manifolds and the Bochner curvature tensor (with K. YANO) .....29, 10-21
- VANŽURA, Jiří :
1. Integrability conditions for polynomial structures. ....27, 42-50
  2. Cf. BUREŠ, J. 1.
- VARSHNEY, Ram G. :
1. On generalized  $|V, \lambda|$  summability factors of infinite series.....21, 281-289

2. Errata. ....22, 250-250

VERSTRAELEN, L.:

1. Cf. VANHECKE, L. 1.

## W

WANG, Cecilia :

1. Cf. SARIO, Leo 5.
2. Cf. SARIO, Leo 7.
3. Cf. HADA, Dennis 1.
4. Cf. CHUNG, Lung Ock 2.

WATANABE, Yoshiko (KUBO, Y.):

1. Totally umbilical surfaces in normal contact  
Riemannian manifolds. ....19, 474-487
2. Integral inequalities in a compact orientable manifolds,  
Riemannian or Kählerian. ....20, 264-271

WATANABE, Yoshiyuki :

1. On a  $K$ -space of constant holomorphic sectional  
curvature. (with K. TAKAMATSU) ....25, 297-306
2. Cf. SAWAKI, Sumio 5.
3. On the characteristic functions of harmonic  
quaternion Kählerian spaces. ....27, 410-420
4. On the characteristic functions of quaternion kählerian  
spaces of constant  $Q$ -sectional curvature. ....28, 284-299

WATSON, Bill :

1. Minimal submanifolds of almost Semi-Kähler manifolds....27, 449-457

## Y

YAGITA, Nobuaki :

1. On some operations in the bordism theory with  
singularities.....29, 1-9

YAMADA, Haruki :

1. Remarks on admissible data for Cauchy problem. ....27, 475-483
2. On admissible data of cauchy problem for second order  
equations with constant coefficients. ....28, 239-252

YAMADA, Miyuki :

1. A note on middle unitary semigroups. ....7, 49-52
2. On the greatest semilattice decomposition of a semigroup. ....7, 59-64
3. Compositions of semigroups. ....8, 107-111



4. Correction to "Compositions of semigroups". . . . .8, 189-189
- YAMADA, Takashi :
1.  $\mathcal{E}$ -regenerative phenomena in some stochastic processes. . . . .20, 76-93
- YAMAGUCHI, Seiichi :
1. On hypersurfaces in Sasakian manifolds. . . . .21, 64-72
  2. Remarks on the scalar curvature of immersed manifolds. . .26, 240-244
  3. The axiom of coholomorphic 3-spheres in an almost  
Tachibana manifold. . . . .27, 432-435
- YAMAMOTO, Sumiyasu :
1. On the estimation of the coefficients of variation by the  
ratio of two quantities in large samples. . . . .4, 115-122
- YANG, Chung-Chun :
1. On meromorphic functions taking the same values at  
the same points. . . . .28, 300-309
  2. Cf. URABE, Hironobu 1.
- YANO, Kenji :
1. On the jump functions. . . . .9, 1-11
  2. On a method of Cesàro summation for Fourier series. . . . .9, 49-58
- YANO, Kentarō :
1. Affine connexions in an almost product space. . . . .11, 1-24
  2. On some local properties of fibred spaces.  
(with E. T. DAVIES) . . . . .11, 158-177
  3. On imbedding of a Riemannian space in a conformally  
Euclidean space. (with R. BLUM) . . . . .13, 53-64
  4. Eckmann-Frölicher connexions on almost analytic  
submanifolds. . . . .14, 53-58
  5. Vector fields in Riemannian and Hermitian manifolds  
with boundary. (with M. AKO) . . . . .17, 129-157
  6. Almost contact structures induced on hypersurfaces in  
complex and almost complex spaces. (with S. ISHIHARA) . . .17, 222-249
  7. The  $f$ -structure induced on submanifolds of complex  
and almost complex spaces. (with S. ISHIHARA) . . . . .18, 120-160
  8. Differential geometry in tangent bundle.  
(with S. ISHIHARA) . . . . .18, 271-292
  9. Correction to the paper "The  $f$ -structure induced on  
submanifolds of complex and almost complex spaces".  
(with S. ISHIHARA) . . . . .18, 386-386
  10. Almost complex structures induced in tangent bundles.  
(with S. ISHIHARA) . . . . .19, 1-27
  11. Differential geometry of fibred spaces. (with S. ISHIHARA) . .19, 257-288

12. Fibred spaces with invariant Riemannian metric.  
(with S. ISHIHARA) .....**19**, 317-360
13. Normal circle bundles of a complex hypersurfaces.  
(with S. ISHIHARA) .....**20**, 29-53
14. Differential geometry of tangent bundles of order 2.  
(with S. ISHIHARA) .....**20**, 318-354
15. On certain operators associated with tensor fields.  
(with M. AKO) .....**20**, 414-436
16. Homogeneous contact manifolds and almost Finsler  
manifolds. (with Y. MUTŌ) .....**21**, 16-45
17. Generalizations of the connection of Tzitzéica. ....**21**, 167-174
18. Integral formulas for closed hypersurfaces.  
(with M. TANI) .....**21**, 335-349
19. Invariant submanifolds of an almost contact manifold.  
(with S. ISHIHARA) .....**21**, 350-364
20. Pseudo-umbilical submanifolds of codimension 2.  
(with S. ISHIHARA) .....**21**, 365-382
21. Integral formulas for submanifolds of codimension 2  
and their applications. (with M. OKUMURA) .....**21**, 462-471
22. Notes on submanifolds in a Riemannian manifold. ....**21**, 469-509
23. Submanifolds of codimension 2 of a Euclidean space.  
(with M. TANI) .....**22**, 65-76
24. Cf. BLAIR, David E. 1.
25. Cf. GOLDBERG, Samuel I. 2.
26. Riemannian manifolds admitting an infinitesimal conformal  
transformation. (with S. SAWAKI) .....**22**, 272-300
27. On  $(f, g, u, v, \lambda)$ -structures. (with M. OKUMURA).....**22**, 401-423
28. Notes on conformal changes of Riemannian metrics.  
(with S. SAWAKI) .....**22**, 480-500
29. Submanifolds with parallel mean curvature vector of a  
Euclidean space or a sphere. ....**23**, 144-159
30. On normal  $(f, g, u, v, \lambda)$ -structures on submanifolds of  
codimension 2 in an even-dimensional Euclidean space.  
(with M. OKUMURA).....**23**, 172-197
31. Notes on almost isometries. (with M. KONISHI).....**23**, 238-247
32. Invariant hypersurfaces of a manifold with  
 $(f, g, u, v, \lambda)$ -structure. (with M. OKUMURA).....**23**, 290-304
33. On the concuarent vector fields of immersed manifolds.  
(with B.-Y. CHEN).....**23**, 343-350
34. Cf. BLAIR, David E. 3.

35. Metrics and connections in the tangent bundle.  
(with E. T. DAVIES) .....23, 493-504
36. Invariant submanifolds of a manifold with  
( $f, g, u, v, \lambda$ )-structure. (with M. OKUMURA).....24, 75-90
37. On quasi-normal ( $f, g, u, v, \lambda$ )-structures. (with U-H. KI)....24, 106-120
38. Submanifolds of codimension 2 in an even-dimensional  
Euclidean space. (with U-H. KI) .....24, 315-330
39. Notes on hypersurfaces of an odd-dimensional sphere.  
(with S. ISHIHARA) .....24, 422-429
40. On transversal hypersurfaces of an almost contact  
manifold. (with S.-S. EUM and U-H. KI) .....24, 459-470
41. Manifolds with antinormal ( $f, g, u, v, \lambda$ )-structure.  
(with U-H. KI) .....25, 48-62
42. Almost quaternion structures of the second kind and  
almost tangent structures. (with M. AKO) .....25, 63-94
43. On almost contact affine 3-structure. (with S.-S. EUM  
and U-H. KI) .....25, 129-142
44. Invariant submanifolds of an  $f$ -manifold with  
complemented frames.....25, 163-174
45. Cf. CHEN Bang-yen 9.
46. Intrinsic characterization of certain conformally flat  
spaces. (with C.-S. HOUH and B.-Y. CHEN) .....25, 357-361
47. Cf. CHEN Bang-yen 11.
48. Cf. BRICKELL, Frederick 1.
49. On complex conformal connections. ....26, 137-151
50. On conformal changes of Riemannian metrics.  
(with H. HIRAMATU) .....27, 19-41
51. Cf. BLAIR, D. E. 4.
52. Cf. BLAIR, D. E. 5.
53. Totally real submanifolds of complex space forms II.  
(with M. KON) .....27, 385-399
54. On contact conformal connections. ....28, 90-103
55. On semi-symmetric metric  $\varphi$ -connections in a sasakian  
manifold. (with T. IMAI) .....28, 150-158
56. On complex Weyl-Hlavatý connections. (with S. SAWAKI) ..28, 372-380
57. Cf. VANHECKE, L. 4.
58. Infinitesimal Variations of the Ricci tensor of a submanifold.  
(with U-H KI and J. S. PAK).....29, 271-284
59. On ( $f, g, u, v, w, \lambda, \mu, \nu$ )-structures satisfying  
 $\lambda^2 + \mu^2 + \nu^2 = 1$  (with U-H. KI).....29, 285-307

YANO, Shigeki :

1. On approximation by trigonometric polynomials. ....8, 93-96

YOKOTE, Ichiro :

1. On some properties of curvatures of foliated Riemannian structure. ....22, 1-29
2. Cf. NAKAGAWA, Hisao 5.
3. Cf. NAKAGAWA, Hisao 6.
4. A certain derivative in fibred Riemannian spaces, and its applications to vector fields. ....29, 211-232

YONEGUCHI, Hajimu :

1. Cf. ABE, Yoshibumi 1.

YOSHIHARA, Ken-ichi :

1. Testing hypotheses for Markov chains when the parameter space is finite. ....15, 138-151
2. Simple proofs for the strong converse theorems in some channels. ....16, 213-222
3. Coding theorems for the compound semi-continuous memoryless channels. ....17, 30-43
4. Cf. NEGISHI, Hiroshi 1.
5. Cf. OODAIRA, Hiroshi 3.
6. Cf. OODAIRA, Hiroshi 4.
7. Cf. OODAIRA, Hiroshi 5.

YUEN, Christophe :

1. Relèvements des dérivations et des structures aux fibrés tangents. ....28, 182-196
2. Sur les fibres tangents d'ordre 2. ....28, 197-210

YÛJÔBÔ, Zuiman :

1. A theorem on Fourier series. ....6, 8-10
2. Errata. ....6,64-64