

発表論文 (神谷茂保)

1. On the fixed points of elliptic elements of B-groups, Hiroshima Math. J. 8 (2) (1978), 401-408.
2. On a certain combination theorem, The Bulletin of the Okayama Univ. of Science, 14 (1979), 9-11.
3. Remarks on the limit set of normal subgroups of kleinian groups, The Bulletin of the Okayama Univ. of Science, 14 (1979), 13-14.
4. On the fixed points of elliptic elements of finitely generated function groups, The Bulletin of the Okayama Univ. of Science, 14 (1979), 15-17.
5. A remark on normal subgroups of kleinian groups, The Bulletin of the Okayama Univ. of Science, 16 (1981), 53-54.
6. A certain theorem on the unitary group $U(1,n;F)$, The Bulletin of the Okayama Univ. of Science, 16 (1981), 55-57.
7. Notes on Mobius transformations in several dimensions, The Bulletin of the Okayama Univ. of Science, 18 (1983), 1-6.
8. Notes on non-discrete subgroups of $U(1,n;F)$, Hiroshima Math. J. 13 (3) (1983), 501-506.
9. On subgroups of convergence or divergence type of $U(1,n;C)$, Math. J. Okayama Univ. 26 (1984), 179-191.
10. On some series associated with discrete subgroups of $U(1,n;C)$, Math. J. Okayama Univ. 26 (1984), 193-197.
11. The action of discrete subgroups of $U(1,n;C)$, Proc. of International Conference on Mathematical Methods (1988), 1-10, Chiang Mai Univ.
12. Notes on metrics and counting functions on ∂B^n , The Bulletin of the Okayama Univ. of Science, 18 (1989), 1-6.
13. Loxodromic fixed points of discrete subgroups of $U(1,n;C)$, International Conference on Dynamical Systems, Control Theory and Applications, (1989), 16
14. Discrete subgroups of $U(1,n;C)$ on the product space $\partial B^n \times \partial B^n \times \dots \times \partial B^n$, Quart. J. Math. (Oxford) 41 (1990), 287-294.
15. Discrete subgroups of convergence type of $U(1,n;C)$, Hiroshima Math. J. 21 (1) (1991), 1-21.

16. Notes on elements of $U(1,n;\mathbb{C})$, Hiroshima Math. J. 21 (1) (1991), 23-45.
17. Notes on some classical series associated with discrete subgroups of $U(1,n;\mathbb{C})$ on $\partial B^n \times \partial B^n \times \partial B^n$, Proc. Japan Acad. 68 Ser. A (6) (1992), 137-139.
18. The action of discrete subgroups of $U(1,n;\mathbb{C})$ on ∂B^n , Math. Japon. 37 (5) (1992), 927-933.
19. Fractal dimensions of rivers in Japan, The Bulletin of the Okayama Univ. of Science, 28 (1993), 309-318. (Japanese)
20. Notes on discrete subgroups of convergence type of $U(1,n;\mathbb{C})$, Math. Japon. 38 (3)(1993), 583-587.
21. On H-balls and canonical regions of loxodromic elements in complex hyperbolic space, Math. Proc. Cambridge Phil. Soc. 113 (1993), 573-582.
22. Chordal and matrix norms of unitary transformations, Proc. of the 1st Korean–Japanese Colloquium on Finite or Infinite Dimensional Complex Analysis (1993), 121-125.
23. Spinal hypersurfaces in complex hyperbolic space, RIMS Koukyuuroku 882 "Complex Analysis on Hyperbolic Spaces" (1994), 33-40.
24. (with Sunahara, Ohtagaki and Fujimoto) On the control performance and optimal stationary states of nonlinear system, Proc. of the Conference on Information Sciences (1995), 313-314. (Japanese)
25. (with Sunahara, Ohtagaki and Ohta) Receding control of nonlinear stationary system, Proc. of the Conference on Measurement and Control Theory, (1995), 212-213. (Japanese)
26. Remarks on points of approximation of discrete subgroups of $U(1,n;\mathbb{C})$, Manuscripta Math., 85 (1995), 299-306.
27. Parabolic elements of $U(1,n;\mathbb{C})$, Revue Roumaine de Math. Pure et Appl., 40 (1995), 55-64.
28. On points of approximation of discrete subgroups of $U(1,n;\mathbb{C})$, Proc. of the Conference on Complex Analysis, Hiroshima Univ. (1996), 135-140.
29. On Heisenberg translations of discrete subgroups of $U(1,n;\mathbb{C})$, RIMS Koukyuroku 967 "Analysis of discrete groups" (1996), 188-195. (Japanese)
30. Discrete subgroups of $PU(1,2;\mathbb{C})$, RIMS Koukyuroku 1022 "Analysis of Discrete Groups II" (1997), 117-122.

31. Discrete subgroups of $PU(1,2;C)$ with Heisenberg translations, Proc. of the 5th international Colloquium on Finite or Infinite Dimensional Complex Analysis, the Institute of Mathematics of Beijing univ., (1997), 137-140.
32. (with Takami, Araki, Kanbane and Garushinha) Flows in the square tubes with guided fans, Turbo Mechanics, 26, 10 (1998), 599-606. (Japanese)
33. (with Araki, Mizushima and Yanase) Stability of the spherical Couette flow, Trans. of Japan Soc. of Mechanical Engineering, 64-626 B (1998), 3175-3182. (Japanese)
34. Notes on discrete subgroups of $PU(1,2;C)$ with Heisenberg translations, RIMS Koukyuroku 1065 "Analysis and Geometry of Hyperbolic Spaces" (1998), 28-32.
35. Generalized isometric spheres of elements of $PU(1,n;C)$, RIMS Koukyuroku 1104 "Hyperbolic Spaces and Related Topics" (1999), 133-136.
36. Notes on discrete subgroups of $PU(1,2;C)$ with Heisenberg translations II, RIMS Koukyuroku 1163 "Hyperbolic Spaces and Related Topics II" (2000), 99-102.
37. Generalized isometric spheres of elements of $PU(1,n;C)$, Proc. of the 2nd ISAAC Congress (2000), 1149-1154, Kluwer Academic Publishers.
38. On discrete subgroups of $PU(1,2;C)$ with Heisenberg translations, Journal of London Math. Soc.(2) 62 (2000), 827-842.
39. Notes on discrete subgroups of $PU(1,2;C)$ with Heisenberg translations III, RIMS Koukyuroku 1223 "Hyperbolic Spaces and Discrete Groups" (2001), 56-60.
40. (with J. Parker) Notes on discrete subgroups of $PU(1,2;C)$ with Heisenberg translations IV, RIMS Koukyuroku 1223 "Hyperbolic Spaces and Discrete Groups II" (2002), 138-144.
41. Jorgensen's Inequality for Complex Hyperbolic Space, Proc. of the 6th Conference on Real and Complex Analysis (Hiroshima Univ.) (2002), 32-36.
42. (with J. Parker) On discrete subgroups of $PU(1,2;C)$ with Heisenberg translations II, Revue Roumaine de Math. Pure et Appl., 47 (2002), 689-695.
43. Jorgensen's Inequality for Complex Hyperbolic Space, RIMS Koukyuroku 1329 "Perspectives of Hyperbolic Spaces" (2003), 138-144.
44. (with J. Yueping and J. Parker) Jorgensen's inequality for complex hyperbolic space, Geometriae Dedicata 97(2003), 55-80.

45. Generalized isometric spheres and fundamental domains for discrete subgroups of $PU(1,n;C)$, Proc. Japan Acad. 79 Ser. A (5), (2003), 105-109.
46. Notes on discrete subgroups of $PU(1,2;C)$ with parabolic elements, RIMS Koukyuroku 1387 “Perspectives of Hyperbolic Spaces II” (2004), 10-15.
47. Discrete subgroups of $PU(1,2;C)$ with parabolic elements, Proc. of the International Conference on Finite or Infinite Dimensional Complex Analysis, ICU (2004), 155-162, Kyushu Univ. Press 2005.
48. Notes on discrete subgroups of $PU(1,2;C)$ with screw parabolic elements, RIMS Koukyuroku 1518 “ Complex Analysis and Geometry of Hyperbolic Spaces ” (2006), 1-5.
49. Discreteness of subgroups of $PU(1,2;C)$, Proc. of the 9th International Conferences on Real and Complex Analysis, Hiroshima Univ., (2006), 48-55.
50. Remarks on complex hyperbolic triangle groups, Proc. of the 15th International Conference on Finite or Infinite Dimensional Complex Analysis (2007), 219-223.
51. (with J. Parker) Discrete subgroups of $PU(1,2;C)$ with screw parabolic elements, Math. Proc. Cambridge Phil. Soc. 444, 2 (2008), 443-455.
52. (with J. Thompson and J. Parker) Notes on complex hyperbolic triangle groups, Conformal Geometry and Dynamics, Vol.14 (2010), 202-218.
53. Complex hyperbolic triangle group of type $(p,q,r;n)$, The Proceedings of the 13th Conference on Real and Complex Analysis, Hiroshima Univ., (2011), 52-57.
54. (with J. Thompson and J. Parker) Non-discrete complex hyperbolic triangle groups of type $(n,n,\infty;k)$, Canadian Mathematical Bulletin, 53, 2, (2013), 329-338.
55. Note on non-discrete complex hyperbolic triangle groups of type $(n,n,\infty;k)$, Proc. Japan Acad. Ser. (A), 89, 8 (2013), 100-102.
56. Complex hyperbolic triangle groups of type (n,n,∞) , Mathematics Newsletter (Ramanujan Mathematical Society), 24, 4 (2014), 97-103.