

Hiroshige Shiga

Research papers :

1. H. Shiga, Uniform domains and moduli spaces of generalized Cantor sets, to appear in *Tohoku Math. J.*
2. H. Shiga and T. Sugawa, Kleinian Groups and Geometric Function Theory, In the Tradition of Thurston III, Ohshika K., Papadopoulos A. (eds), Springer (2024), 249–274.
3. H. Shiga, Quasircles and Dirichlet finite harmonic functions on Riemann surfaces, *Essays in Geometry, Dedicated Nobert A'Campo*, EMS Press (2023), 155–178.
4. H. Shiga, On the quasiconformal equivalence of dynamical Cantor sets, *J. d'Analyse Math.* **147**, (2022), 1–28.
5. H. Shiga, Complex analysis on Riemann surfaces and Kleinian groups, *Sugaku* **73-2**, Japanese Soc. in Japan, 2021, 181–199 (in Japanese).
6. M. Abe, G. Nakamura and H. Shiga, A topological characterization of the strong disk property on open Riemann surfaces, *Kodai Math. J.* **42** (2019), 587–592.
7. H. Shiga, The quasiconformal equivalence of Riemann surfaces and the universal Schottky space, *Conf. Geom. and Dyn.* **23** (2019), 199–204.
8. L. Liu, W. Su, H. Shiga and Y. Zhong, Almost-isometry between the Teichmüller metric and the length-spectrum metric on reduced moduli space for surfaces with boundary, *Trans. Amer. Math. Soc.* **369** (2017) 6429–6464.
9. Y. Jiang, S. Mitra, H. Shiga and Z. Wang, Teichmüller spaces and tame quasiconformal motions, *Tohoku Math. J.* **70** (2018), 607–631.
10. H. Shiga, Conformal invariants defined by harmonic functions on Riemann surfaces, *J. Math. Soc. Japan* **68** (2016), 441–458.
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18. Y. Jiang, S. Mitra and H. Shiga, Quasiconformal motions and isomorphisms of continuous families of Möbius groups, *Israel J. Math.* **188** (2012), 177–194.

19. H. Miyachi and H. Shiga, Holonomies and the slope inequality of Lefschetz fibrations, *Proc. Amer. Math. Soc.* **139** (2011), 1299–1307.
20. S. Mitra and H. Shiga, Extensions of holomorphic motions and holomorphic families of isomorphisms of Möbius groups, *Osaka Math. J.* **47** (2010), 1167–1187.
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