

Complex Analysis

March 22nd (Fri)

9:30–12:00

- 1 Katsuyuki Nishimoto * N-fractional calculus of the function $f(z) = ((z-b)^2 - c)^{-3}$ and identities
(Descartes Press Co.) 15
- 2 Mitsuru Uchiyama (Shimane Univ.)# Principal inverses of orthogonal polynomials 15
- 3 Hitoshi Shiraishi (Kinki Univ.)# Coefficient estimates for Schwarz functions 15
Toshio Hayami (Kinki Univ.)
- 4 Toshio Hayami (Kinki Univ.)# Coefficient estimates for a certain class concerned with arguments of
Shigeyoshi Owa (Kinki Univ.) $f'(z)$ 15
- 5 Junichi Nishiwaki (Setsunan Univ.)# Notes on a certain class of analytic functions 15
Shigeyoshi Owa (Kinki Univ.)
- 6 Kazuo Kuroki (Kinki Univ.)# Starlikeness of order α for certain class of analytic functions 15
Shigeyoshi Owa (Kinki Univ.)
- 7 Naohiro Yaginuma (Nippon RAD, Inc.)# On the first boundary value problem of the biharmonic equation for the
Minoru Yanagishita (Chiba Univ.) half-space 15
- 8 Hiroaki Masaoka (Kyoto Sangyo Univ.)# On harmonic Hardy–Orlicz spaces 15
Tero Kilpeläinen (Univ. of Jyväskylä)
Pekka Koskela (Univ. of Jyväskylä)
- 9 Rikio Yoneda * Toeplitz operators and Hankel operators on the Bergman spaces with
(Otaru Univ. of Commerce) closed range 10

14:20–15:40

- 10 Masashi Kisaka (Kyoto Univ.)# On the transcendental entire functions with the property that $J(f) \cup \{\infty\} \subset \widehat{\mathbb{C}}$ is a Sierpiński carpet 15
- 11 Masahiro Yanagishita (Waseda Univ.)# On a relation between the universal Teichmüller space and the Grunsky operator 20
- 12 Yoshihiko Shinomiya (Tokyo Tech)# On holomorphic sections of Veech holomorphic families of Riemann surfaces 15
- 13 Yohei Komori (Waseda Univ.)* On a degenerate family of Riemann surfaces of genus two over an elliptic curve 15

16:00–17:00 Talk invited by Complex Analysis Section

- Tomoki Kawahira (Nagoya Univ.)# Zalcman’s lemma and complex dynamics

March 23rd (Sat)

10:00–12:00

- 14 Kohei Ueno * Böttcher coordinates for polynomial skew products 15
(Toba Nat. Coll. of Maritime Tech.)
- 15 Tomoko Shinohara # A construction of an invariant surface for an indeterminate point of
(Tokyo Metro. Coll. of Ind. Tech.) rational mappings 15

- 16 Tatsuhiko Honda[#] Distortion theorems for linearly invariant families 15
 (Hiroshima Inst. of Tech.)
 Hidetaka Hamada
 (Kyushu Sangyo Univ.)
 Gabriela Kohr (Babeş-Bolyai Univ.)
- 17 Tomohiro Okuma (Yamagata Univ.)* The maximal ideal cycles over complete intersection surface singularities
 Fan-Ning Meng (Yamagata Univ.) of Brieskorn type 15
- 18 Atsuhira Nagano (Waseda Univ.)[#] Double integrals on chambers of the Kummer surface and the Hilbert
 modular function 15
- 19 Takayuki Koike (Univ. of Tokyo)* Minimal singular metrics of a line bundle admitting no Zariski-decomposition
 10
- 20 Masanori Adachi (Nagoya Univ.)[#] On the ampleness of positive CR line bundles over 3-manifolds foliated
 by Riemann surfaces 15

14:20–15:20 Talk invited by Complex Analysis Section

- Hidetaka Hamada[#] Loewner chains on complete hyperbolic complex manifolds
 (Kyushu Sangyo Univ.)