

International Short Joint Research Workshop

『Conditions for Univalence of Functions and Applications』

International Short Joint Research Workshop on the above topic will be held with financial and other supports by the Research Institute for Mathematical Sciences, Kyoto University (RIMS) at Kyoto, Japan. The program of the research workshop is given below.

【Term】 June 8 (Wednesday) ~ June 10 (Friday), 2011

【Place】 Room 111

Research Institute for Mathematical Science

Kyoto University, Kyoto 606-8502, Japan

Tel: 075(753)7256

【Organizer】 Shigeyoshi Owa (Kinki University)

Toshio Hayami (Kwansei Gakuin University)

P R O G R A M

June 8 (Wed.)

(Chair Person) Toshio Hayami

14:30 ~ 15:15 Mamoru Nunokawa (Gunma University)

Some problems for univalence of analytic functions

15:30 ~ 16:00 Hitoshi Shiraishi (Kinki University)

Shigeyoshi Owa (Kinki University)

Sufficient conditions for strongly Caratheodory functions

16:15 ~ 16:45 Free Talk

June 9 (Thu.)

(Chair Person) Mamoru Nunokawa

10:00 ~ 10:45 Emel Yavuz Duman (Istanbul Kultur University)

On the class of close-to-convex functions

11:00 ~ 11:30 Hitoshi Saitoh (Gunma National College of Technology)

On certain subclasses of univalent functions

11:45 ~ 12:15 Tsuyako Miyakoda (Osaka Institute of Technology)

N-fractional calculus of some multiple power functions

(Chair Person) Keiko Fujita

14:00 ~ 14:45 Katsuyuki Nishimoto (Descartes Press Co.)
Solutions to the homogeneous Chebyshev's equation
by means of N -fractional calculus operator

15:00 ~ 15:30 Yutaka Shimoda (Kinki University)
Neslihan Uyanik (Ataturk University)
Shigeyoshi Owa (Kinki University)
Notes on radius properties of p -valently starlike functions

15:45 ~ 16:15 Naoki Hiranuma (Tohoku University)
On univalent functions with half-integer coefficients

18:00 ~ 20:30 Party in Kyoto ANA Hotel

June 10 (Fri.)

(Chair Person) Emel Yavuz Duman

10:00 ~ 10:45 Kazuo Kuroki (Setsunan University)
Toshio Hayami (Kwansei Gakuin University)
Neslihan Uyanik (Ataturk University)
Shigeyoshi Owa (Kinki University)
Some properties for certain class of univalent functions

11:00 ~ 11:30 Katsuyuki Nishimoto (Descartes Press Co.)
Solutions to the nonhomogeneous Chebyshev's equation
by means of N -fractional calculus operator

11:45 ~ 12:15 Junichi Nishiwaki (Setsunan University)
Shigeyoshi Owa (Kinki University)
An application of convolution integral

(Chair Person) Hitoshi Saitoh

14:00 ~ 14:45 Toshio Hayami (Kwansei Gakuin University)
Shigeyoshi Owa (Kinki University)
Hypocycloid of $n+1$ cusps harmonic function

15:00 ~ 15:30 Hirokazu Shimauchi (Tohoku University)
On the coefficients of the Riemann mapping function
for the complement of the Mandelbrot set