

RIMS 共同研究

『関数の単葉性条件とその応用について』

京都大学数理解析研究所の共同研究事業の一つとして、下記のように RIMS 共同研究を行いますので、御案内申し上げます。

研究代表者 尾和 重義
(近畿大学・理工学部)
早味 俊夫
(関西学院大学・理工学研究科)

記

【日時】 2011年6月8日(水) ~ 6月10日(金)

【場所】 京都大学数理解析研究所 1階111教室

〒606-8502 京都市左京区北白川追分町

Tel: 075(753)7256

(市バス 農学部前 または 北白川 下車)

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