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Talking: Rita Ismailova

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**Welcome to the 9th International Online Conference on
 "Mathematical Analysis, Differential Equation & Applications MADEA-9"** Kınleştir
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We kindly invite you to participate in the online scientific conference MADEA-9, organized at the
 Kyrgyz Turkish Manas University (Dishkobe) on June 21-25, 2021.

Zoom Meeting

Arif Salimov Ekrem SAVAŞ Sarah Rita Ismailova Snezhana Hri... Fahreddin Abdu...

Recording

Let

$$V(E) := \inf\{I(\mu) : \mu \in \mathcal{M}(E)\},$$

then $V(E)$ is either finite or $V(E) = +\infty$. The quantity

$$\text{cap } E = e^{-V(E)}$$

is called the logarithmic capacity or capacity of E .

Let E be compact in the complex plane \mathbb{C} with connected complement $\Omega = \mathbb{C} \setminus E$ in the extended plane $\bar{\mathbb{C}}$. The domain Ω is called *regular* if the Green function $G(z) = G(z, \infty)$ on Ω with pole at ∞ tends to 0 as $z \in \Omega$ tends to the boundary $\partial\Omega$ of Ω . If Ω is regular, then $\text{cap } E > 0$ and there exists a unique measure $\mu_E \in \mathcal{M}(E)$ such that

$$I(\mu_E) = -\log \text{cap } E = V(E)$$

and we have

$$U^{\mu_E}(z) = -G(z) - \log \text{cap } E, \quad z \in \Omega.$$

μ_E is called *equilibrium measure* of E .

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21.06.2021 Maximal Convergence and Interpolation

Aramak için buraya yazın

33°C Güneşli 12:42 21.06.2021

Mail - Arif Salimov - Outlook - Google Chrome
outlook.live.com/mail/deeplink

MADEA 9 Program.2021.06.18_last.pdf Download Print Save to OneDrive Show email

PROGRAM OF TALKS
(Kyrgyz Time: CMT+6)
Monday, June 21th, 2021

KG Time, GMT+6	Hall A https://zoom.us/j/97907216011?pwd=ZWd2cE54RjNhaU01RVYvTETDT1hNZz09
14.00 - 14.40	Opening of the Conference Chairmen: <i>Ekrem Savas</i>
14.40 - 15.10	Plenary lecture 1: <i>Igor Shevchuk</i> <i>An addendum to Jackson inequality</i>
15.10 - 15.20	Coffee break Chairman: <i>Igor Shevchuk</i>
15.20 - 15.50	Plenary lecture 2: <i>Hans-Peter Blatt</i> <i>Maximal Convergence and Interpolation on unconnected sets</i>
15.50 - 16.20	Plenary lecture 3: <i>Anatoly Galberg</i> <i>Mapping theory from metric point of view</i>
16.20 - 16.30	Coffee break Chairman: <i>Abdullah Kopuzlu</i>
16.30 - 17.00	Plenary lecture 4: <i>Arif Salimov</i> <i>Lift problems of differential geometric objects</i>
17.00 - 17.20	Plenary lecture 5: <i>Bilal Bilalov</i>

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