B1

CERTIFICATE

We hereby certify that,

Alberto Saldaña, Universidad Nacional Autónoma de México,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

"Introduction to Mathematical Control Problems"

by Luz de Tereza, Federal University of Paraíba and Universidad Nacional Autónoma de México, held at Video conferencing platform Zoom, on January 11, 13 and 15, 2021

B

CERTIFICATE

We hereby certify that,

Alex Youn Aro Huanacuni, University National Altiplano,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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B

CERTIFICATE

We hereby certify that,

Aliang Xia, Jiangxi Normal University,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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B

CERTIFICATE

We hereby certify that,

Andrés Julián Castrillón Vásquez, Universidad Federal de Juiz de Fora,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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B

CERTIFICATE

We hereby certify that,

Anoop Skaria Varghese, University of Mumbai,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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B

CERTIFICATE

We hereby certify that,

Brayan Maurício Rodriguez Garzón, Universidade Federal do Rio de janeiro,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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CERTIFICATE

We hereby certify that,

Bruno Mascaro, Universidade de São Paulo,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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CERTIFICATE

We hereby certify that,

Cristiana De Filippis, Università degli Studi di Torino,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Daniel Marroquin, UFRJ,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

David Andrade, Technion,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Disson dos Prazeres, UFS,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Eduardo Henrique Philippsen, Universidade Federal do Rio Grande do Sul,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Elisa Affili, University of Milan,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Enea Parini, Aix-Marseille University,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Enguerrand Lavigne, Aix-Marseille Université,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Farid Bozorgnia, Tecnico Lisboa,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Felipe Alexander Pipicano Guzmán, Universidad del Valle,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Fidel Eduardo Huayhuas Chipana, UFC,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Gerardo Jonatan Huaroto Cardenas, Universidade Federal de Alagoas,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Gian Marcos Maldonado Ruiz, Universidade Federal Fluminense,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Hana, Omar Almukter University,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Hana Abobaker, Omar Almukter University,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Hernán Vivas, Conicet,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Isaia Nisoli, UFRJ,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Jorge Emiliano Condeña Cahuana, Universidad Nacional Agraria La Molina,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

José Alberto Peña García, Universidad Nacional Autónoma de México,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

José Tiago Nogueira Cruz, Universidade Regional do Cariri,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Juan Carlos Pozo, Universidad de Chile,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Juliana Fernandes da Silva Pimentel, brazil,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Layan el hajj, American university in dubai,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Liliana Esquivel, Gran Sasso Science Institute,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Llerzy Esneider Torres Ome, UNIVERSIDAD DEL VALLE,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Lubna Abu Rmaileh, Fraunhofer IGD,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Lucas Dutra Souza, IFB,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

mahnaz yousefi, Iran University Science and Technology,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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CERTIFICATE

We hereby certify that,

Makson Sales Santos, Center of Investigations in Mathematics (CIMAT),

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Manoel Rodrigues dos Santos Neto, Universidade Federal de Sergipe,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Marcela Nascimento, USP,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Meire Santos Martins, Universidade Federal de Sergipe,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Miguel Alonso Izquierdo, Universidad Veracruzana,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Miguel Dario Soto Vieira, Universidade Federal do Rio de Janeiro,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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Mingmin Zhang, Aix Marseille University,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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CERTIFICATE

We hereby certify that,

Mitesh Modasiya, Indian Institute of Science Education and Research, Pune,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Mohammad Safdari, Sharif University of Technology,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Morteza Fotouhi, Sharif University of Technology,

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We hereby certify that,

Ori Saporta Katz, Weizmann Institute,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Pammella Queiroz de Souza, UFCG,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Pêdra Daricléa Santos Andrade, Centro de Investigación en Matemáticas,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Rafael Antonio Sanabria Villalobos, Puc-Rio,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Roberto Guglielmi, University of Waterloo,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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Slim, University of Victoria,

participated in the advanced school **[B_1^-]: Analysis and PDE from the south** by attending the short course entitled:

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We hereby certify that,

Sudhir Singh, National Institute of Technology Trichy India,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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We hereby certify that,

Zhipeng Yang, University of Göttingen,

participated in the advanced school [B 1^-]: Analysis and PDE from the south by attending the short course entitled:

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