





FACULTY OF MATHEMATICS AND COMPUTER SCIENCE
UNIVERSITY OF HAVANA

CERTIFICATE

THE SCIENTIFIC ORGANIZING COMMITTEE CERTIFIES THAT

Carlos Carret Miranda

has successfully completed the mini-course with Excelent Score (5 point)

Short introduction to wavelet for signal and image denoising. Use of R packages

taught by

Prof. Fabien Mavarro, Ph.D.

held at University of Havana, at 16-th International Conference on Operation Research, from Febraury 19-23 The mini-course lasted for 15 hours

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FABIEN NAVARO

PROFESSOR OF THE COURSE

Damian

DAMIAN VALDÉS SANTIAGO

PROFFESOR CUBAN COUNTER-PART

Monso

SIRA MA. ALLENDE ALONSO

CO-CHAIR
INTERNATIONAL PROGRAM

Whomles

WILFREDO MORALES LEZCA

PRESIDENT OF ORGANIZING COMITTE