

Decree Number : 2017-0270

Date : January 16, 2017

ID Number : 17.933.678 - 2



UNIVERSIDAD DE CONCEPCION

CHILE

I hereby certify that by Decree U. de C. N° 2017-0270, of the Rector, dated November 22, 2016, the Academic Degree of

MASTER IN COMPUTER SCIENCES

(MAGÍSTER EN CIENCIAS DE LA COMPUTACIÓN)

was awarded to

PATRICIO ALEJANDRO PINTO MEDINA

Thesis: "Compact representations of matrices with spatial locality".

Concepción, May 27, 2025



Validate certificate

<https://certificados.udec.cl>

Validation code

2534652308 - KYKEK

MARCELO TRONCOSO ROMERO

Secretary General