



**UNIVERSIDAD
DE ANTIOQUIA**

Facultad de Ciencias Exactas y Naturales

Coordinación de Posgrado
Instituto de Matemáticas
Programa de Doctorado

Medellín, July the 7th, 2019

To whom it may concern

This letter is to certify that Dr. Danny Gomez-Ramirez visited our campus in several occasions and he delivered the following talks.

1. "Hacia una Meta-Teoría computacional y cognitivamente inspirada para la formalización lógica universal de las matemáticas decidibles" in August the 29th of 2016.
2. "Substrato conceptual como un nuevo mecanismo de creación-invencción matemática: Hacia la inteligencia artificial Matemática" in September the 26th of 2017.
3. "Pilares fundamentales para crear agentes matemáticos Co- creativos o inteligencia Artificial Matemática" delivered in May the 24th of 2019.

If you have any questions or inquires about this letter, please do not hesitate to contact me. My e-mail is omar.saldarriaga@udea.edu.co and my day phone number is (574) 2195640.

Sincerely,

OMAR SALDARRIAGA
Research and PhD program coordinator
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