PG MAT 20 ANOS

Mestrado Acadêmico em Matemática

UFCG

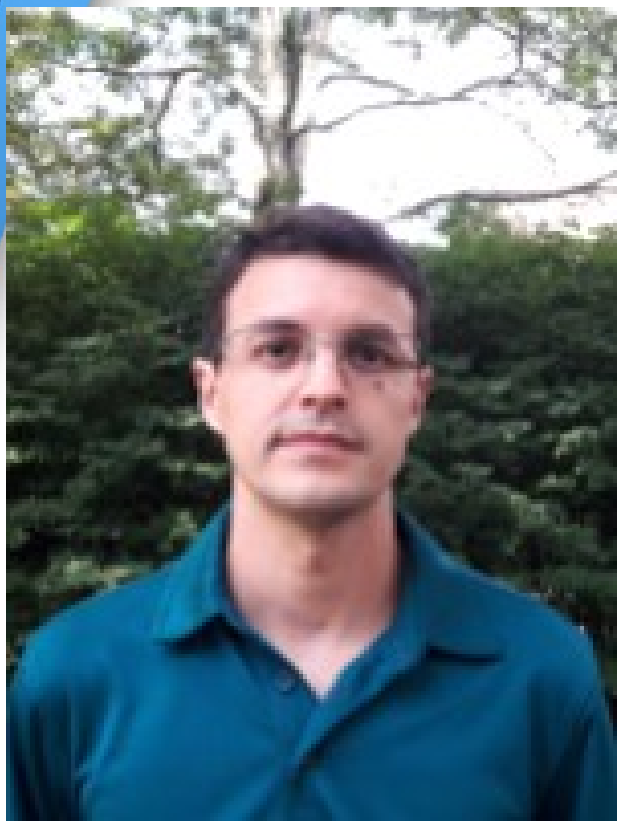
SUPRA OMNES LUX LUCES

APRESENTA:

Trudinger-Moser type inequalities with a symmetric conical metric and extremals functions

05/05/2023 | 10h00

Auditório da UAMat



Prof. Dr. Manassés Xavier de Souza

Universidade Federal da Paraíba – UFPB.

Trudinger-Moser type inequalities with a symmetric conical metric and extremal functions

Manassés Xavier de Souza
Universidade Federal da Paraíba

May 5, 2023.

Abstract

In this talk, we will study some improvements related to the Trudinger-Moser inequality involving a symmetric conic metric on a closed Riemann surface. We will also discuss the existence of extremals functions.