UNIVERSIDADE FEDERAL DE ALAGOAS
PROGRAMA DE PÓS-GRADUAÇÃO EM
MATEMÁTICA

Instituto de Matemática

$ L^2 $-estimates for solvability of inhomogeneous $ \bar\partial_b $-equation.
Joel Rogelio Portada Coacalli

Resumo: The purpose of this presentation is to introduce the tangential Cauchy-Riemann operator $ \bar\partial_b $; and also to present the microlocal argument used to obtain $ L^2 $-estimates that guarantee the existence of solutions, as well as the existence of regular solutions in $ L^2 $-Sobolev spaces, to the inhomogeneous $\bar\partial_b$-equation. In the last part of the conference I will present recently obtained results on this topic, in collaboration with Andrew Raich.

Data: 02/06/2020
Horário: 17:00
Local: Sala da Web Conferência RNP
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