



# UNIVERSIDAD DE GRANADA

Máster Universitario en  
Matemáticas

## Conferencia en Seminario de Jóvenes Investigadores

25/11/2020

Charla de María Eugenia Celorrio Ramírez  
(Lancaster University) jueves 26 de Noviembre a  
las 12.00 a través de google meet:  
<https://meet.google.com/yrc-wpte-dbj>

Título: Arens regularity of Banach algebras

Given a Banach algebra  $A$ , we can define two products on its bidual  $A''$  such that the space  $A''$  is a Banach algebra with respect to both products and  $A$  is a closed subalgebra of both these algebras. Arens introduced these two products in 1951. In this talk, we will speak about the notions of Arens regularity and strong Arens irregularity. We will also see some related results and examples.

