

## Equilibrium and balayage

Andrei Martínez-Finkelshtein

Universidad de Almería

This talk is intended as a mini-tutorial to these two notions from the potential theory that find many applications in both topics of the workshop. They come in different flavors, but can be formulated within an energy minimization framework. One of the purposes is to discuss some connections between different types of balayage and equilibrium. Although the talk deals with the logarithmic kernel on the complex plane, many results can be carried over to more general Riesz potentials.