

# Invariants of (complex) hyperbolic manifolds

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## Resumo

We study discrete representations of surface groups in the group of complex automorphisms of the unit ball in  $\mathbb{C}^2$ . We will discuss invariants of these representations and their relationships. In particular, we will formulate a conjectural and far-reaching generalization of Toledo's rigidity theorem that might help explaining the (sometimes enigmatic) behaviour of the mentioned invariants.