

On Poincaré extensions and cobordisms of rational functions

C. A. Cabrera Ocanas
(UNAM)

We discuss some constructions of extensions of rational functions on the Riemann sphere to endomorphisms of the hyperbolic 3-space. With this extensions we found some cobordisms relations among the space of rational functions.

This is a joint work with Peter Makienko and Guillermo Sienna.