
RICHARD FOURNIER, Dawson College (Montreal)

A Schwarz lemma for locally univalent meromorphic functions

We prove a sharp Schwarz type lemma for meromorphic functions with spherical derivative uniformly bounded away from zero. As a consequence we deduce an improved quantitative version of a recent normality criterion due to Grahl and Nevo and also to Steinmetz, which is asymptotically best possible. This is joint work with Daniela Kraus and Oliver Roth from Germany.