

Midwest Dynamical Systems

On the global topology of polynomial shift loci

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Abstract: Let MP_d denote the space of affine conjugacy classes of polynomials of degree $d \geq 2$. The shift locus S_d , consisting of maps all of whose critical points escape under iteration, has rich topological structure. I will describe some of its features. This is joint ongoing work with Laura DeMarco.

Sunday, November 8 at 11:15 AM in SEO 636