

1096-37-1327

Sarah C. Koch* (kochsc@umich.edu), Department of Mathematics, University of Michigan, 530 Church Street, 2076 East Hall, Ann Arbor, MI 48106. *Eigenvalues and Thurston's theorem.*

Given a postcritically finite rational map on the Riemann sphere, there are several dynamical systems that correspond to it, which naturally arise in the setting of Thurston's topological characterization of rational maps. Associated to each of these dynamical systems is a corresponding linear operator. In this talk we discuss the sets of eigenvalues of these operators and explore connections between them. (Received September 14, 2013)