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*Random Iteration of Rational Maps.*

**Abstract:** In this presentation, we will take a look at iteration of rational functions when the parameters of the function vary with each composition. This gives rise to what is known as Random Iteration when the sequence of parameters are random variables. Given a  $z \in \overline{\mathbb{C}}$  we can examine the probability  $\mathcal{P}(z)$  that  $z$  tends towards a neighborhood of a given attracting cycle. An early result in this area says that under certain conditions, these probabilities  $\mathcal{P}(z)$  are continuous in  $z$ . Furthermore, each  $z \in \overline{\mathbb{C}}$  will converge towards some attracting cycle with probability one. Our main result is a generalization of this idea. (Received September 12, 2014)