Mathematics, Statistics, and Computer Science   **@ UIC**

Graduate Analysis Seminar

The Schwarzian Derivative

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Abstract: In this talk I will introduce the Schwarzian derivative and give a survey of some of its properties and related results. The Schwarzian derivative is a quadratic differential operator on the space of locally injective holomorphic functions which is distinguished by the property $S(f) = 0$ if and only if f is a linear fractional transformation.

Monday, February 8 at 2:00 PM in SEO 612