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

Logic Seminar

On the Pila-Wilkie theorem

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Abstract: I'll give an account of the Pila-Wilkie counting theorem and some of its extensions and generalizations. We exploit semialgebraic cell decomposition more thoroughly to simplify the deduction from the main ingredients of the original proof. Only very basic knowledge of o-minimality will be assumed; this is joint work with Prof. Lou van den Dries.

Tuesday, October 19 at 4:00 PM in 636 SEO