
MATHIAS STOUT, McMaster University/Fields Institute

Integration in Hensel minimal fields

I will discuss the construction of Hrushovski-Kazhdan style integral for Hensel minimal fields, generalizing their construction in the V-minimal setting.

This talk will consist of two smaller parts, respectively centered around the following questions

1. What is Hensel minimality and why is it a natural and desirable setting to work in?
2. How to read our main theorem, and why is it (un)surprising?

This is based on joint work with Floris Vermeulen.