

MASTER'S THESIS
DEFENSE

*The Hasse norm theorem and a local-global principle for
multinorms*

Yazan Alamoudi
Emory University

Abstract: In this defense, I will present the main result of the thesis, namely a local-global principle for multinorms from tale algebras associated to dihedral extensions of number fields of degree $2n$. More precisely, the tale algebra obtained as the product of n field extensions which are the fixed fields under reflections satisfies the local-global principle for multinorms. A basic ingredient in the proof is the classical Hasse norm theorem and we shall present an outline of the proof of this theorem.

Zoom Meeting: <https://tinyurl.com/YAlamoudi>. Passcode: qbdF0v

Tuesday, April 20, 2021, 4:00 pm
<https://tinyurl.com/YAlamoudi>

Advisor: Parimala Raman

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