



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

GLOBAL FIELDS IN CONTINUOUS LOGIC, INTRODUCTION

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Abstract

I will give an introductory talk focusing on examples and motivations. I plan to cover the following.

1. Global fields, product formula.
2. Ultraproducts in continuous logic.
3. Multiply Valued Fields (MVF's) and Globally Valued Fields (GVF's), global fields as GVF's.
4. The class of GVF's is elementary in an appropriate continuous set-up.

Date : Friday, April 13, 2018

Time: 15:00

Place: IMBM Seminar Room, Boğaziçi University South Campus