PhD research topic proposal
BME, Doctoral School of Mathematics and Computer Science

Name and degree of supervisor :

Mátyás Domokos, DSc.

Are you willing to supervise Stipendium Hungaricum applicants?

no

Title of the topic:

Invariant theory

Short description:

Algebras of polynomial functions constant along the orbits of a group of linear transformations are investigated. The planned research focuses on degree bounds for separating invariants of finite groups.

Requirements:

Sound knowledge of representation theory, Galois theory, ring theory,

Contact:

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Place of work:

Rényi Institute of Mathematics