



Additional Requirements

For Professor Academic Position in Professional Field 4.5 Mathematics

- ☐ Additional specifications: algebra, noncommutative algebra, quantum algebra, Yang-Baxter equations and related algebraic objects, Artin-Schelter regular algebras, combinatorial methods in noncommutative algebra: finitely presented algebraic structures , quadratic algebras

Name of the Candidate: _____

Check below what applies. Sign and submit together with your review or opinion.

Research

The Candidate has conducted research in the following areas:

- ☐ Algebra;
- ☐ Noncommutative algebra;
- ☐ Quantum algebra;
- ☐ Yang-Baxter equations and related algebraic objects;
- ☐ Artin-Schelter regular algebras;
- ☐ Combinatorial methods in noncommutative algebra: finitely presented algebraic structures;
- ☐ Quadratic algebras.

Teaching

The Candidate has teaching experience in the following areas:

- ☐ Yang-Baxter equations and associated algebraic objects;
- ☐ Abstract Algebra;
- ☐ Group Theory;
- ☐ Galois Theory;
- ☐ Lie algebras;
- ☐ Ideals, varieties, and algorithms;
- ☐ Finite presentability, Groebner bases, normal forms (diamond lemma);
- ☐ Linear algebra;
- ☐ Multivariate Calculus and Geometry.

Signature and date:
