

Table of Contents for MEMO/247/1169

Quantum Cluster Algebras Structures on Quantum Nilpotent Algebras

- Introduction
- Quantum cluster algebras
- Iterated skew polynomial algebras and noncommutative UFDs
- One-step mutations in CGL extensions
- Homogeneous prime elements for subalgebras of symmetric CGL extensions
- Chains of mutations in symmetric CGL extensions
- Division properties of mutations between CGL extension presentations
- Symmetric CGL extensions and quantum cluster algebras
- Quantum groups and quantum Schubert cell algebras
- Quantum cluster algebra structures on quantum Schubert cell algebras
- Bibliography
- Index