

Yoshiyuki Kimura

Publication list

Theses

Master thesis **Affine quiver and the crystal base**, *Kyoto university, Department of Mathematics*, 2007, March.

Doctor thesis **Quantum unipotent subgroup and Dual canonical basis**, *Kyoto university, Research Institute for Mathematical Sciences*, 2012, January.

Publications and Preprints

Quantum unipotent subgroup and dual canonical basis, *Kyoto Journal of Mathematics*, vol.52, Number 2,(2012)277–331.

Graded quiver varieties, quantum cluster algebras and dual canonical basis (with Fan Qin), *Advances in Mathematics*, Volume 262, Number 10, September(2014)261–312.

Cohomological Hall algebra and its reduction, (with Kentaro Nagao), in preparation.

Remarks on braid group action and dual canonical basis, in preparation.

Miscellaneous

団代数と標準基底, 2015年3月, 数理科学 特集:「団代数をめぐって」.

量子群の標準基底, 2013年2月, 数理科学 特集:「《量子化》の発想」.

Proceedings

Quiver varieties and quantum cluster algebras, 表現論と調和解析の新たな進展, 数理解析研究所講究録 1925, 117–127.

Quiver varieties and quantum cluster algebras, *Proceedings of the 45th Symposium on Ring Theory and Representation Theory*, 2012.

籓多様体と量子クラスター代数, 2012年度代数学シンポジウム 報告集.

次数付き籓多様体と量子クラスター代数, 2011年表現論シンポジウム 講演集, 57–69.

Quantum unipotent subgroup and Dual canonical basis, *Proceedings of the 44th Symposium on Ring Theory and Representation Theory*, 2011.

Quantum unipotent subgroup and Dual canonical basis, 表現論と調和解析における諸問題, 数理解析研究所講究録 1770, 96–113.

Quantum unipotent subgroup and Dual canonical basis, 第 14 回代数群と量子群の研究集会報告集, 2011.

Affine quivers and the crystal basis $B(\infty)$, 第 12 回代数群と量子群の研究集会報告集, 2011 年, p81–p90.

Affine quivers and the crystal basis $B(\infty)$, 第 10 回代数群と量子群の研究集会報告集, 2007 年, p71–p78.