List of publications and preprints

Shintarô Kuroki

1. ACCEPTED PAPERS

(1) Shintarô Kuroki: *On the construction of smooth $SL(m, \mathbb{H}) \times SL(n, \mathbb{H})$-actions on $S^{4(m+n)-1}$*, Bull. Yamagata U., Yamagata, Japan (Natural Science) Vol. 15, No. 3 Feb., 2003, 49–59.

(2) Shintarô Kuroki: *On $SL(3, \mathbb{R})$-action on 4-sphere*, J. of Fundamental and Applied Math. 11 (2005), no. 5, 99–105., translation in J. of Math. Sci. (N.Y.) 146 (2007), no. 1, 5518–5522.

(3) Shintarô Kuroki: *Classification of compact transformation groups on complex quadrics with codimension one orbits*, Osaka J. Math. Vol. 46, no. 1, 21–85, (2009).

(4) Shintarô Kuroki: *Characterization of homogeneous torus manifolds*, to appear in Osaka J. Math.

2. PREPRINTS

(5) Shintarô Kuroki: *Hypertorus graphs and graph equivariant cohomologies.*

(6) Shintarô Kuroki: *Classification of quasitoric manifolds with codimension one extended actions.*

(7) Shintarô Kuroki: *Classification of torus manifolds with codimension one extended actions.*

(8) Shintarô Kuroki: *Operations on three dimensional small covers.*

(9) Suyoung Choi and Shintarô Kuroki: *Topological classification of torus manifolds which have codimension one extended G-actions.*

(10) Shintarô Kuroki and Zhi Lü: *On projective bundles over small covers.*

3. PROCEEDINGS

(1) Shintarô Kuroki: *Classification of compact transformation groups on complex quadrics with codimension one orbits*, RIMS kokyuroku 1343, 10–24 (2003).

(2) Shintarô Kuroki: *On the $SL(3, \mathbb{R})$-action on 4-sphere*, RIMS kokyuroku 1393, 79–81 (2004).

(3) Shintarô Kuroki: *Classification of compact transformation groups on complex quadrics with codimension one orbits* (Japanese), the 2nd Kinosaki sinjin seminar proceedings 256–261 (2005).

(4) Shintarô Kuroki: *Hypertorus graph and its equivariant cohomology* (Japanese), RIMS kokyuroku 1517, 120–135 (2006).

(5) Shintarô Kuroki: *Classification of compact group actions on torus manifolds which have codimension 0 or 1 orbits* (Japanese), Hokkaido university Technical report series in Math., Series #117 The 3rd COE Conference for Young Researchers -CCYR3-, 177–184 (2007).

(6) Shintarô Kuroki: *On transformation groups which act on torus manifolds*, Proc. of 33rd Symposium on Transformation Groups, 10–26 (2007).

(7) Shintarô Kuroki: *On transformation groups which act on torus manifolds* (Japanese), RIMS kokyuroku 1540, 67–78 (2007).

(8) Shintarô Kuroki: *On 8-manifolds with $SU(3)$-actions*, RIMS kokyuroku 1569, 81–93 (2007).

(9) Shintarô Kuroki: *Remarks on McGavran's paper and Nishimura's result*, Trends in Math. - New Series Vol. 10 No. 1, ICMS in KAIST, 2008, 77–79.

4. OTHERS

(1) Shintarô Kuroki: Classification of Transformation groups, Ph.D Thesis in Osaka City University (2006), pp90.

(2) Ikumitsu Nagasaki and Shintarô Kuroki (editors): RIMS Kokyuroku 1569 "The theory of transformation groups and its applications", RIMS, Kyoto University (2007), pp179.

(3) Shintarô Kuroki: Research on Toric Topology, Postdoctor Research Working Report in Fudan University (2009), pp131.