

KAWAUCHI, Akio's Manuscript List

113. On a cross-section of an immersed sphere-link in 4-space.
112. A chord graph constructed from a ribbon surface-link
111. (with Y. Joung, S. Kamada and S. Y. Lee) Polynomial invariants for oriented surface-links via quantum A_2 invariant.
110. Splitting criteria for a definite 4-manifold with infinite cyclic fundamental group.
109. (with I. Tayama) Representing 3-manifolds in the complex number plane.
108. Knot theory for spatial graphs attached to a surface, Proceedings of the ICTS Program: Knot Theory and its Applications, Contemporary Mathematics (to appear).
107. Theory of Knots (Monograph in Japanese), Kyoritsu Shuppan Co. Ltd (2015).
106. (with Y. Bae and S. Choi) On knotted real projective planes, Journal of Knot Theory and Its Ramifications, 24 (2015), 1540011 (15 pages).
105. A chord diagram of a ribbon surface-link, Journal of Knot Theory and Its Ramifications, 24 (2015), 1540002 (24 pages).
104. Characteristic genera of closed orientable 3-manifolds. Kyungpook Math. J. , 55 (2015), 753-771.
103. On 4-dimensinal universe for every 3-dimensional manifold, Topology and its Applications, 196 (2015), 575-593. DOI:10.1016/j.topol.2015.05.035.
- 102 (with I. Tayama and B. Burton). Tabulation of 3-manifolds of lengths up to 10, Topology and its Applications, 196 (2015), 937-975. DOI:10.1016/j.topol.2015.05.036.
- 101 (with A. Shimizu). Quantization of the crossing number of a knot diagram, Kyungpook Math. J., 55 (2015), 741-752.
- 100 (with A. Shimizu and K. Kishimoto). A game using knot theory, Japanese Patent Registration Number 5804412 (September 11, 2015).
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97. Splitting a 4-manifold with infinite cyclic fundamental group, revised in a definite case. Journal of Knot Theory and Its Ramifications, 23 (2014) 1450029 (6pages).
96. Component-conservative invertibility of links and Samsara 4-manifolds on 3-manifolds, Asia Pacific Journal of Mathematics, 1 (2014), 86-106.
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