

KAWAUCHI, Akio's Manuscript List

- 119.(with A. Shimizu) On the orientations of monotone knot diagrams.
118. (with J. Kim) Immersed 2-knots with essential singularity.
117. (with K. Kaur, S. Kamada and M. Prabhacker) Generalized unknotting numbers of virtual knots.
116. Supplement to a chord diagram of a ribbon surface-link, *Journal of Knot Theory and Its Ramifications* 26 (2017), 1750033 (5 pages).
115. Cross-index of a graph.
114. Splitting criteria for a definite 4-manifold with infinite cyclic fundamental group.
113. (with K. Kaur, S. Kamada and M. Prabhakar) Gauss diagrams, unknotting numbers and trivializing numbers of spatial graphs, *Topology and its Applications* (to appear).
112. On a cross-section of an immersed sphere-link in 4-space, *Topology and its Applications* (to appear).
111. (with Y. Joung, S. Kamada and S. Y. Lee) Polynomial invariants for oriented surface-links via quantum A_2 invariant, *Topology and its Applications* (to appear).
110. (with I. Tayama) Representing 3-manifolds in the complex number plane, *Topology and its Applications* (to appear).
109. A chord graph constructed from a ribbon surface-link, *Contemporary Mathematics* (to appear).
108. Knot theory for spatial graphs attached to a surface, *Proceedings of the ICTS Program: Knot Theory and its Applications, Contemporary Mathematics* 670 (2016), 141-168.
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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98. The Alexander polynomials of immersed concordant links, Boletín de la Sociedad Matemática Mexicana, 20 (2014) 559-578. DOI: 10.1007/s40590-014-0023-9.
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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94. Splitting a 4-manifold with infinite cyclic fundamental group, revised, Journal of Knot Theory and Its Ramifications, 22, No. 14 (2013) 1350081 (9 pages).
- 93 (with K. Kishimoto and A. Shimizu). Knot Theory and Game (a monograph in Japanese), Asakura Publishing Co., Ltd. (2013).
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