

# 論文リスト

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## 1. 査読付き論文

(1) (出版済み)Tatsuro Shimizu, An invariant of rational homology 3--spheres via vector fields, Algebraic and Geometric Topology, 16 (2016) pp.3073-3101

(2) (Quantum Topologyに出版受理済み) Alberto S. Cattaneo and Tatsuro Shimizu, A note on the  $\Theta$ -invariant of 3-manifolds, arXiv:1903.04386, 2019

(3) (出版済)Tatsuro Shimizu, Multiframings of 3--manifolds, International Journal of Mathematics, Volume No.31, Issue No. 08 ,2020

(4) (Hokkaido Mathematical Journalに出版受理済)Tatsuro Shimizu, On self-intersection of singularity sets of fold maps, 2018

## 2. その他論文(査読なし)

(1) Tatsuro Shimizu, Morse homotopy for the  $SU(2)$ -Chern--Simons perturbation theory, プレプリント (RIMS preprint 1857) , 2016

<http://www.kurims.kyoto-u.ac.jp/preprint/file/RIMS1857.pdf>

(2) (RIMS講究録)Tatsuro Shimizu, A variant of Chern--Simons perturbation theory, RIMS Kokyuroku(査読なし) No.1991,2016.

<http://www.kurims.kyoto-u.ac.jp/~kyodo/kokyuroku/contents/pdf/1991-15.pdf>

(3) (RIMS講究録)Tatsuro Shimizu, Chern-Simons perturbation theory and Reidemeister--Turaev torsion, RIMS Kokyuroku(査読なし) No.2163, 2020, pp29--pp35