

1116-57-1229 **Kanako Oshiro*** (oshirok@sophia.ac.jp). *Twisted quandles and matrix invariants for oriented links.*

In this talk, we introduce a twisted quandles and a matrix invariant for oriented links associated with a quandle representation. The matrix invariant is related to a twisted quandle operation and gives a generalization of twisted Alexander matrices. This study is a joint work with Atsushi Ishii (University of Tsukuba). (Received September 18, 2015)