Research Program

The following research activities include the following programs.

(1) A study on knotting probability of a spatial arc.
(2) A new development on topological imitations of (3,1)-manifold pairs.
(3) A study on a commutative password system applying knot theory.
(4) Diffusion of an infant and elderly versions of the knot game "Region Select" into society.
(5) A study on a complexity of knitting.
(6) A study on the fundamental group of a ribbon 2-knot.
(7) A study on triviality for a surface-knot and a surface-link.
(8) A study on a Seifert hypersurface for a surface-knot.