Research Program

This year's research activities include the following plans.

(1)   A study of 4D universe

(2)   A study on knotting probability of a spatial arc.

(3)   A study on a stable-ribbon surface-link.

(4)   A new development on topological imitations of (3,1)-manifold pairs.

(5)   A study on complexities of a knitting pattern.

(6)   A further developing study on cross-index of a graph.

(7)   A study on the fundamental group of a ribbon 2-knot.

(8)   A study on an analytic function for an infinite family of graphs via Blaschke product.

(9)   A study on a password system applying knot theory.

(10)   A diffusion of an infant and elderly versions of the knot game "Region Select".