Research directions and interests

Algebra - Group theory

– Theory of finite groups:

Basics in the theory of simple groups and representation theory of groups - permutation groups - non-simplicity and solvability of groups - p-solvable and p-nilpotent groups - subnormal subgroups - permutability of subgroups - fatorizations of groups - Carter subgroups - the theory of formations and generalizations of Sylow's theorem.

– Special properties of infinite groups:

Finiteness conditions - polycyclic-by-finite groups - Černikov groups - local properties - FC-groups and generalizations - theory of group classes.