Abstract

Most of the studies in algebra have been focused on algebraic structures with binary and higher arity operations. Even though algebras equipped with various linear operators have arisen from applications throughout the history of mathematics, their algebraic studies have been limited, and have been specializes to special cases. Recently the general notion was introduced as operated algebras. Their study have shown promising developments. We discuss some recent developments on the general theory of operated algebras, their important classes and derived structures.