홍덕헌(대구 가톨릭대)

AM-2

Laws of large numbers for T-related L-R fuzzy random numbers

In this paper, we give some necessary and sufficient conditions for laws of large numbers for sequence of mutually T-related L-R fuzzy numbers when T is an continuous Archimedean t-norm and diameter of support of the fuzzy numbers is not uniformly bounded. We also consider some necessary and sufficient conditions for laws of large numbers for L-R fuzzy random numbers, and generalize earlier results of Fuller (Fuzzy Sets and Systems 45 (1992) 299-303), Triesch (Fuzzy Sets and Systems 58 (1993) 339-342) and Hong and Lee (Fuzzy Sets and Systems 121 (2001) 537-543).

윤재헌(충북대)

AM-3

Convergence of nonstationary multisplitting methods using ILU factorizations

In this paper, we study the convergence of nonstationary multisplitting methods associated with a multisplitting which is obtained from the ILU factorizations for solving a linear system whose coefficient matrix is an H-matrix.