

ABSTRACT. It is shown that moving averages sequences are good in the mean for multiparameter strongly superadditive processes in L_1 , and good in the p -mean for multiparameter admissible superadditive processes in L_p , $1 \leq p < \infty$. Also, using a decomposition theorem in L_p -spaces, a.e. convergence of the moving averages of multiparameter superadditive processes with respect to positive L_p -contractions, $1 < p < \infty$, is obtained.