

A-Distributional Convergence With Some Ramifications

M. K. Khan¹ & C. Orhan²

Abstract

What do summability fields of regular methods over uniformly integrable double arrays, distributional convergence, summability of splices, statistical convergence, strong convergence, have in common? The talk will try to give some direct and Tauberian results. If time permitted we will also present some links to Weyl's equidistribution theorem, convergence of moments, central limit theorem, Glivenko-Cantelli theorem, Korovkin's theorem, and distributional results of analytic number theory.

September 19, 2009.

¹Partially supported by grants from Ohio Board of Regents and NSF, DMS 9810289.

²Partially supported by the Scientific and Technical Research Council of Turkey.