Erratum for
Convergence of Moving Averages of Multiparameter Superadditive Processes

Doğan Çömez

There is a typographical error in the paper [1]. It was stated there that "a process $\{F_{(m,n)}\} \subset L_p$ is *bounded* if $\sup_{m,n\geq 1} \frac{1}{mn}\|F_{(m,n)}\|_p < \infty$." Here the exponent "p" is missing, that is, the correct definition should be: a process $\{F_{(m,n)}\} \subset L_p$ is *bounded* if $\sup_{m,n\geq 1} \frac{1}{mn}\|F_{(m,n)}\|_p^p < \infty$. With this correction, all the proofs in the paper are correct. On the other hand, it has been brought to the author's attention that if the process is *nonnegative*, which is assumed in [1], this (corrected) definition of boundedness is too strong to allow non-constant superadditive processes. If, instead, the process is assumed to be *strongly bounded*, i.e. $\sup_{n\geq 1} \|F_n - F_{n-1}\|_p < \infty$ in the one-parameter case, then this restriction is no longer the case. Multiparameter extension is similar. Recently, the author has obtained various subsequential convergence results for strongly bounded admissible processes (see [2]), that also extend some of the results discussed in [1].

References

[1] D. Çömez, *Convergence of moving averages of multiparameter superadditive processes, New York J. Math.* **3A** *(1998), 135–148.*

[2] *D. Çömez, General and weighted averages of admissible superadditive processes, to appear in Illinois J. Math.*

Department of Mathematics, North Dakota State University, Fargo, ND 58102
comez@plains.nodak.edu http://hypatia.math.ndsu.NoDak.edu/faculty/comez/