

1025-46-251

**Narcisse Randrianantoanina\*** ([randrin@muohio.edu](mailto:randrin@muohio.edu)), Miami University, Department of Mathematics, Oxford, OH 45056. *BMO-norms of sums of noncommuting independent sequences.*

We derive inequalities for (martingale)-BMO norms of sums of independent sequences in finite von Neumann algebras. This can be viewed as an extension to the case  $p = \infty$  of a result due to Junge and Xu for  $L_p$ -norms of sums of such independent sequences for  $2 \leq p < \infty$ . (Received January 23, 2007)