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Paul Lewis* (lewis@unt.edu), Mathematics, University of North Texas, Denton, TX 76203-1430,
and **Kimberly Muller** and **Andy Yingst**. *Vector Measures and the Strong Operator Topology*.

Kalton proved a fundamental result for functions defined on ℓ_∞ using a classical cardinality result in real analysis. Kalton's result is used to establish a theorem for operator valued measures which has improved versions of the Vitali-Hahn-Saks Theorem, Phillips's Lemma, the Orlicz-Pettis Theorem and other classical results as straightforward corollaries. (Received September 14, 2007)