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**Piotr W Nowak\*** ([piotr.nowak@vanderbilt.edu](mailto:piotr.nowak@vanderbilt.edu)), Vanderbilt University, Mathematics Department, 1326 Stevenson Center, Nashville, TN 37240. *Følner type sequences and constructions of coarse embeddings.*

Følner sequences appear in a geometric characterization of amenability. Relaxing the latter notion leads to weak amenability properties, e.g. property A or coarse embeddability, which also can be expressed in terms of Følner-type sequences. This talk will focus on to the applications of such sequences to coarse embeddings into  $\ell_p$  spaces for  $1 \leq p < \infty$ . (Received August 16, 2005)