1035-47-1154   **Brian C Lins*** (`linsb@dickinson.edu`), Brian Lins, 201 Constitutional Ct., Mechanicsburg, PA 17050. *Asymptotic behavior of nonexpansive maps in finite dimensional normed spaces.*

If X is a finite dimensional real normed space, C is a closed convex subset of X and $f : C \to C$ is nonexpansive with respect to the norm on X, then we show that either f has a fixed point in C or there is a linear functional $\varphi \in X^*$ such that $\lim_{k \to \infty} \varphi(f^k(x)) = \infty$ for all $x \in C$. (Received September 18, 2007)