

1113-46-129

Petr Hajek and **Thomas Schlumprecht*** (schlump@math.tamu.edu), Department of Mathematics, Texas A&M University, College Station, TX 77845, and **Andras Zsak**. *On a generalization of Theorem of Zippin*. Preliminary report.

In 1977, Zippin observed that for any $\varepsilon > 0$ and for any Banach space X with separable dual there is a Banach space Z , an isometric embedding $i : X \rightarrow Z$, an ordinal $\alpha \leq \omega^{Sz(X, \varepsilon/2) + \omega}$, and a subspace Y of Z , which is isometrically isomorphic to $C[0, \alpha]$, so that for any $z \in i(X)$ there is a $y \in Y$ with $\|z - y\| < \varepsilon$.

We will give a new proof of this result which also extends to non separable cases. (Received August 17, 2015)