1065-46-216 **Chris J Lennard** and **Veysel Nezir*** (ven1@pitt.edu), 1939 Seaton st., Pittsburgh, PA 15226.
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In 2004 Dowling, Lennard and Turett showed that every non-weakly compact, closed, bounded, convex (c.b.c.) subset K of $(c_0, \|\cdot\|_\infty)$ is such that there exists a $\|\cdot\|_\infty$-nonexpansive mapping T on K that is fixed point free. This mapping T is generally not affine. We prove that if a Banach space contains an asymptotically isometric (ai) c_0-summing basic sequence $(x_n)_{n\in\mathbb{N}}$, then the closed convex hull of $(x_n)_{n\in\mathbb{N}}$, $E := \overline{\text{co}}(\{x_n : n \in \mathbb{N}\})$, fails the fixed point property for affine nonexpansive mappings. Also, there exists an *affine contractive* mapping $U : E \longrightarrow E$ that is fixed point free. We conclude

$$for\ \overrightarrow{b} = (b_n)_{n\in\mathbb{N}}\ in\ \mathbb{R}\ s.t.$$

$$0 < m := \inf_{n\in\mathbb{N}} b_n\ and\ M := \sup_{n\in\mathbb{N}} b_n < \infty$$

The c.b.c. subset E,

$$E := \left\{ \sum_{n=1}^{\infty} t_n\, f_n : 1 = t_1 \geq t_2 \geq \cdots \geq t_n \downarrow_n 0 \right\} .$$

where $f_n := b_n\, e_n$, for all $n \in \mathbb{N}$, fails the fpp (affine, n.e.).

Note that this applies to $b_n = r_n$, where $(r_n)_{n\in\mathbb{N}}$ is an enumeration of $[m, M)$, $\forall\, 0 < m < M < \infty$.

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