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**Title:** Diameter preserving linear bijections of  $C_0(X)$

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The purpose of this paper is to solve a linear preserver problem on the function algebra  $C_0(X)$ . In [GyM], we determined all diameter preserving linear bijections of  $C(X)$  in the case when  $X$  is a first countable compact Hausdorff space. In this paper we generalize this result to the case of first countable locally compact Hausdorff spaces.

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