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Clement Boateng Ampadu* (drampadu@hotmail.com), West Roxbury, MA 02132-6303. *On a Question of C. Ampadu: Higher Order Reich Mapping Theorem for Self-Maps.*

Reich Mapping Theorem was given in [Simeon Reich, Some Remarks Concerning Contraction Mappings, *Canad. Math. Bull.* Vol. 14 (1), 1971]. In the book [Clement Ampadu, *Characterization Theorems Inspired by the Hardy-Rogers Map I: Some Results in Metric Spaces*, lulu.com, ISBN: 1365101185, 9781365101182] the author proposed obtaining a higher-order version of this theorem. Motivated by ideas contained in [Ampadu,Clement (2015): *Generalization of Higher Order Contraction Mapping Theorem*, Unpublished] we introduce a higher-order version of the Reich mapping Theorem. Examples are given to motivate the main result (Received July 15, 2016)