

## UNIFORM CONVERGENCE OF ITERATES FOR A CLASS OF ASYMPTOTIC CONTRACTIONS

MARINA ARAV\*, SIMEON REICH\*\* AND ALEXANDER J. ZASLAVSKI\*\*\*

\*Department of Mathematics and Statistics  
Georgia State University  
Atlanta, GA 30303, USA  
E-mail: matmxa@langate.gsu.edu

\*\*Department of Mathematics  
The Technion-Israel Institute of Technology  
32000 Haifa, Israel  
E-mail: sreich@tx.technion.ac.il

\*\*\*Department of Mathematics  
The Technion-Israel Institute of Technology  
32000 Haifa, Israel  
E-mail: ajzasl@tx.technion.ac.il

**Abstract.** We provide sufficient conditions for the iterates of certain asymptotic contractions on a complete metric space  $X$  to converge to their unique fixed points, uniformly on each bounded subset of  $X$ .

**Key Words and Phrases:** asymptotic contraction, complete metric space, fixed point, iteration.

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