

Q-L. Dong, J. Zhao and S. He, Bounded perturbation resilience of the viscosity algorithm, *Journal of Inequalities and Applications*, 2016:299 (12pp), **2016**. DOI:10.1186/s13660-016-1242-6.

#### Abstract

In this article, we investigate the bounded perturbation resilience of the viscosity algorithm and propose the superiorized version of the viscosity algorithm. The convergence of the proposed algorithm is analyzed for a nonexpansive mapping. A modified viscosity algorithm and its convergence is presented.