Abstract

The aim of this paper is to prove weak and strong convergence as well as weak stability results of CR-iterative procedures using contractive-like operators. The results obtained generalize several existing results. An example is also given, using computer programming in C++, to show that CR-iterative procedure converges faster than SP and Noor iterative procedures.

References

Convergence and Stability Results for CR –iterative Procedure using Contractive-like Operators


Index Terms

Computer Science
Applied Mathematics
Keywords

Iterative procedure  contractive like operators  fixed point  weak and strong convergence  weak stability