Gu, Feng


Summary: We discuss the problem of iterative approximation of solutions of the equation for $\varphi$-strongly accretive operators and of fixed points for $\varphi$-strongly pseudo-contractive mappings.

MSC:

65J15 Numerical solutions to equations with nonlinear operators
47J25 Iterative procedures involving nonlinear operators
47H06 Nonlinear accretive operators, dissipative operators, etc.
47H10 Fixed-point theorems

Keywords:
Banach space; nonlinear operator equation; $\varphi$-strongly accretive operator; $\varphi$-strongly pseudo-contractive mapping; Ishikawa iterative process