Viscosity approximation of fixed points with φ-contractions

MĂDĂLINA PĂCURAR

ABSTRACT. A new viscosity method for the approximation of fixed points of nonexpansive mappings is proposed. It considers φ-contractions instead of usual contractions.

"BABEŞ-BOLYAI" UNIVERSITY
FACULTY OF ECONOMIC SCIENCES AND BUSSINESS ADMINISTRATION
DEPARTMENT OF STATISTICS, FORECAST AND MATHEMATICS
58-60 T. MIHALI ST., 400591 CLUJ-NAPOCA, ROMANIA
E-mail address: mpacurar@econ.ubbcluj.ro; madalina_pacurar@yahoo.com