

APPROXIMATION OF A ZERO POINT OF MONOTONE OPERATORS WITH ERRORS IN A BANACH SPACE

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ABSTRACT

In this talk, we study an iterative scheme for two different types of resolvents of a monotone operator defined on a Banach space. These resolvents are generalizations of resolvents of a monotone operator in a Hilbert space. We obtain iterative approximations of a zero point of a monotone operator generated by the shrinking projection method with errors in a Banach space. Using our result, we discuss some applications

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