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**Fixed points for non-self operators and domain invariance theorems**

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**Abstract**

The purpose of this paper is to discuss some basic problems of the fixed point theory for non-self (single-valued and multivalued) generalized contractions. As consequences, new open operator principles and domain invariance theorems are obtained. The results complement and extend some known results in the literature. © 2007 Elsevier Ltd. All rights reserved.

**Author Keywords**

Associated field; Data dependence; Domain invariance; Fixed point; Generalized contraction; Multivalued operator; Open operator

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