

## A topological structure on the basins of attraction for iterative methods

GHEORGHE ARDELEAN

### ABSTRACT.

In a previous paper we investigated the *left topology* associated to a quasiorder relation (a reflexive and transitive binary relation) on a set. In this work we introduce a topological structure on the basins of attraction of some iterative methods for solving nonlinear equations. Some results obtained in our investigations are presented.

NORTH UNIVERSITY OF BAIA MARE  
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE  
VICTORIEI 76, 430122 BAIA MARE, ROMANIA  
*E-mail address:* ardelean\_g@yahoo.com

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Received: 20.11.2010; In revised form: 20.01.2011; Accepted: 15.02.2011

2000 *Mathematics Subject Classification.* 65H99, 54H99.

*Key words and phrases.* *Nonlinear equations, iterative methods, basin of attraction, quasiorder relation, topological space.*