

**Lydzińska, G.**

**On expanding iteration semigroups of set-valued functions.** (English) Zbl 1092.39020

*Math. Pannonica* 15, No. 1, 55-64 (2004).

Summary: We present some conditions under which a certain family of set valued functions is an expanding iteration semigroup, that is, in fact, it is an iteration semigroup.

**MSC:**

[39B12](#) Iteration theory, iterative and composite equations

[39B52](#) Functional equations for functions with more general domains and/or ranges

[26E25](#) Set-valued functions

Cited in **5** Documents

**Keywords:**

iteration theory; set-valued function; iteration semigroups; collapsing iteration semigroup; expanding iteration semigroup

**Full Text:** [EuDML](#)