

■ Start ■ Classification ■ Journals ■ Subscription ■ FIZ Karlsruhe ■ Zentralblatt MATH



# STMA-Z Statistical Theory

published by FIZ Karlsruhe GmbH

STMA-Z

Contact  Print

Anywhere:	Author:	Title:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Source:	Year:	<input type="button" value="Go"/>
<input type="text"/>	<input type="text"/>	

► General Help  
► Advanced Search

Query form:

Please fill in your query. A complete syntax description you will find on the [General Help](#) page.

MPG SFX

[STMAZ 0543.68069 Meybodi, M.R.; Lakshmivarahan, S.](#)

**On a class of learning algorithms with symmetric behavior under success and failure.** (English)

Mathematical learning models - theory and algorithms, Proc. Conf., Bad Honnef/Ger. 1982, Lect. Notes Stat. 20, 145-155 (1983).

[For the entire collection see Zbl 0517.00013.] The aim of this paper is to introduce and to study a new general class of learning algorithms: absorbing barrier algorithms of the reward-penalty type with identical behaviour under the occurrence of success and failure; conditions are obtaining for strong absolute expediency (original concept) and for  $\$$ -optimality of these algorithms. The paper is of interest in mathematical psychology and in learning automata theory and mathematical statistics.

Reviewer: [L.Olaru](#)

Classification: [68T05 60J20 91E99](#)

Keywords: [learning algorithms](#); [absorbing barrier algorithms](#); [absolute expediency](#); [learning automata](#)

## Subscription

To subscribe via Internet, visit the following website:  
[isi.cbs.nl/orderform.asp](http://isi.cbs.nl/orderform.asp) or send an e-mail to Mr. S. Hoesenie [shse@cbs.nl](mailto:shse@cbs.nl).

© 2009 FIZ Karlsruhe GmbH

[Contact](#) | [Copyright](#) | [Site Map](#) | [Webmaster](#)

