



## Algorithmen Zur Musterverarbeitung in Optimierungsstrategien Nach Dem Vorbild Der Biologischen Signaltransduktion

By Michael Dienst

Grin Verlag. Paperback. Condition: New. 36 pages. Dimensions: 8.5in. x 5.5in. x 0.1in. Wissenschaftlicher Aufsatz aus dem Jahr 2009 im Fachbereich Medizin - Biomedizinische Technik, Beuth Hochschule fr Technik Berlin (BIONIC RESEARCH UNIT ), Veranstaltung: Bionik, Sprache: Deutsch, Anmerkungen: Der Aufsatz fhrt in ein Konzept fr die interne Informationsverarbeitung nach dem Vorbild der biologischen Signaltransduktion ein. , Abstract: Evolutionre Algorithmen basieren auf dem essentiellen Vokabular der biologischen Evolution. Artifielle Muster sind die Grundlage fr Erweiterungen klassischer Strategien hinsichtlich einer Simulation von Wachstum, Differenzierung und Szenarien innerer Selektion. Der Aufsatz stellt ein Konzept fr die interne Informationsverarbeitung nach dem Vorbild der biologischen Signaltransduktion dar, nennt die biologischen Grundlagen des Computermodells und gibt eine Implementierung in MATLAB an. Evolutionary algorithms are founded on the essential vocabulary of biological evolution. Artificial patterns are the basis for extensions of classical strategies in terms of a simulation of growth, differentiation and internal selection. The paper presents an approach to internal information-processing on the model of the biological signaltransfer, also the biological foundations of the computer model and an implementation in MATLAB. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



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