ADAPTIVE INTELLIGENT CONTROL OF ECONOMICAL FLOWS BY STOCHASTIC DYNAMICS

YOSHITAKE YAMAZAKI\textsuperscript{1,2} AND HERBERT GLEITER\textsuperscript{1}
\textsuperscript{1}Institut für Nanotechnologie
Forschungszentrum Karlsruhe
D-76021 Karlsruhe, Germany

AND

\textsuperscript{2}Department of Physics and Nanoscience Center
Xiamen University
Xiamen 361005, China

\textbf{ABSTRACT}—Economical flows are studied by means of a particle model. Simulation methods are applied to the problem and a theoretical framework is constructed. Adaptive methods for the analysis, the evaluation and the control of economical flows are deduced.

\textbf{Key Words:} economical flows, stock markets, and economical management, economical flow control