

# **Control and Cybernetics**

vol. **24** (1995) No. 1

---

## **CONTENTS**

---

<b>EDITORIAL</b>	3
<b>H. WYSOCKI</b>	9
Optimal control of a generalized linear dynamic system with quadratic index of performance	
<b>A. DĘBİŃSKA-NAGÓRSKA, A. JUST, Z. STEMPIEŃ</b>	29
Approximation of some optimization problems for systems governed by nonlinear parabolic equation	
<b>T. BANEK</b>	41
A monotone follower problem	
<b>G.J. BLINOWSKI</b>	47
Petri net model of a mobile robot	
<b>S. TRYBULĄ</b>	77
A noisy duel with two kinds of weapons	
<b>Y. UEMURA</b>	103
A normal possibility decision rule	





