

CONTROL AND CYBERNETICS - SYSTEMS RESEARCH INSTITUTE

Polish Academy of Sciences, ul. Newelska 6, 01-447 Warsaw, Poland

control@ibspan.waw.pl

REFEREE'S GENERAL EVALUATION OF A PAPER**PROPOSED TO „CONTROL & CYBERNETICS”**

(besides the remarks contained in the paper itself, if enclosed)

Author(s):	201 (<i>enter the file number</i>)	
Title:	Numerical experiments with model equations of cancer invasion of tissue	
Reviewer:	Akira Imada	
1.	Domain of the paper	
	<input type="checkbox"/>	control theory
	<input type="checkbox"/>	optimisation theory and methods
	<input type="checkbox"/>	operational research
	<input type="checkbox"/>	data analysis / artificial intelligence
	<input type="checkbox"/>	computer science / informatics
	<input type="checkbox"/>	numerical methods
	<input checked="" type="checkbox"/>	applications of systems analysis and theory to: <ul style="list-style-type: none">- <input type="checkbox"/> economics and economic systems- <input checked="" type="checkbox"/> technological, physico-chemical, medical and biological systems- <input type="checkbox"/> organisations and social systems- <input type="checkbox"/> global modelling- <input type="checkbox"/> other application domains:
	<input type="checkbox"/>	other (specify):
2.	Contribution of this paper to the above domain(s):	
	<input type="checkbox"/>	important
	<input checked="" type="checkbox"/>	significant
	<input type="checkbox"/>	less significant
	<input type="checkbox"/>	insignificant
3.	Is this paper:	
	<input checked="" type="checkbox"/>	original as to the <ul style="list-style-type: none">- <input type="checkbox"/> problem formulation- <input checked="" type="checkbox"/> solution method- <input checked="" type="checkbox"/> results presented (numerical and/or empirical)- <input type="checkbox"/> application of methods known to date
	<input type="checkbox"/>	a survey of relevance
	<input type="checkbox"/>	secondary

4.	In terms of substance matter, the paper		
	<input checked="" type="checkbox"/>	is sufficiently adequate	
	<input type="checkbox"/>	should be amended	
	<input type="checkbox"/>	causes significant reservations	
5.	In editorial terms, the paper		
	<input type="checkbox"/>	is sufficiently adequate	
	<input checked="" type="checkbox"/>	should be amended	
	<input type="checkbox"/>	should be thoroughly reedited	
6.	In terms of English language, the paper		
	<input type="checkbox"/>	is sufficiently adequate	
	<input checked="" type="checkbox"/>	should be amended	
	<input type="checkbox"/>	should be thoroughly reedited	
<input type="checkbox"/>	I have no opinion on this subject		
7.	What is the practical value of the paper:		
	<input type="checkbox"/> high	<input checked="" type="checkbox"/> medium	<input type="checkbox"/> small
	<input type="checkbox"/>	<input type="checkbox"/> none	
8.	Should this paper be published in „Control & Cybernetics”?		
	<input type="checkbox"/>	decidedly	
	<input checked="" type="checkbox"/>	after minor editorial and/or language amendments	
	<input type="checkbox"/>	after more important editorial and/or language amendments	
	<input type="checkbox"/>	after important changes in substance matter	
	<input type="checkbox"/>	when changes are introduced the paper should be reviewed again	
	<input type="checkbox"/>	should be directed to another journal (suggestion?)	
	<input type="checkbox"/>	no, it is unfit for publication	
9.	Is the title adequate?		
	<input checked="" type="checkbox"/>	yes	
	<input type="checkbox"/>	not, if not, my suggestion is:	
10.	Is a part of the paper superfluous?		
	<input checked="" type="checkbox"/>	no	
	<input type="checkbox"/>	yes	
		comments:	
11.	Are references		
	<input checked="" type="checkbox"/>	adequate	
	<input type="checkbox"/>	some essential positions are omitted:	
	<input type="checkbox"/>	some insignificant positions are given:	

12.	Is the abstract
	<input checked="" type="checkbox"/> appropriate
	<input type="checkbox"/> inappropriate
	comments: "solve the model" is not a good expression.
13.	Detailed hints for the Author (in case of necessity please attach a separate page):
	Good paper, but still not a few should be improved, e.g., (1) "f represents the density of the ECM" is not clear. what is density of a matrix? (2) $d_{i,j}$ in the equation next to (3.1) was not defined anywhere. but just mentioned "See [6]. (3) just suggesting like "Fig.11, [7]" is not good. (4) caption of Fig. 1 needs more explanation not only in text. (5) author wrote "proposal in [9] + authors proposal (2.6) and (2.7) but [9] does not include those two conditions in it? (6) more explanation would be necessary for the reason what 1D is sufficient as the spatial variable x.

Date:

Signature

(only on one copy)