

**Review Form 1.7**

Journal Name:	<b>Journal of Advances in Mathematics and Computer Science</b>
Manuscript Number:	<b>Ms_JAMCS_110524</b>
Title of the Manuscript:	<b>A Fuzzy-Based Control System for Customers' Admission in a Two-Station Queue Network</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>Yes, However, in the article some recent work done should be added in the field of metaheuristic optimization algorithms with fuzzy logic system, some of the recent work includes into the introduction section and discuss the how the proposed algorithm is different or better.</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>No</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p><b>Yes</b></p>	
<p><b>Optional/General</b> comments</p>	<p>The study proposes a fuzzy-based control of admission of customers in a queue network with two stations in tandem. Each of the stations has individual arrival streams which may either be accepted or rejected. Class <math>i</math> arrivals occur in a Poisson stream with constant rate <math>\lambda_i</math>, <math>i = 1, 2</math>. Successive services in each station <math>j</math> are independent and exponentially distributed, with mean <math>1/\mu_j</math> in station <math>j</math>, <math>j = 1, 2</math>, irrespective of the customer's class.</p> <p>However, in the article some recent work done should be added in the field of metaheuristic optimization algorithms with fuzzy logic system, some of the recent work includes into the introduction section and discuss the how the proposed algorithm is different or better.</p> <p>(1) DOI: 10.3390/mca27060089 (2) DOI: 10.1080/00051144.2022.2061818 (3) DOI: 10.1108/IJICC-01-2022-0011</p> <p>However the paper can be accepted after the minor revision.</p>	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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