



OPTIMIZATION OF DISSIMILAR FRICTION STIR WELDED ALUMINUM PATES (2024 T3
AND 7075T6) BY USING DIFFERENT METHODS

Reviewer 1: --

1. In this article, the authors should be correct and modify the sentence construction in several sections.
2. In several sections' sentences and paragraphs have some margin and space problem, which needs to be properly adjusted.
3. In several sections, sentences have spelling and grammar mistakes, which need to be corrected.

Page No.	Actual	Suggested
1	Advantage	advantages
1	Other	Another
1	Desirable	Desired
1	Friction	The Friction
1	to orthogonal	To the orthogonal
1	then tensile	Then a tensile
1	used artificial	used an artificial
1	Arised	Arisen
1	to high	to the high
2	used as structural	used structural
2	that owned	that are owned
2	has tensile	have a tensile
2	than of	than those of
2	affected on the	affected by the
2	that used	that was used
2	to artificial	to the artificial
2	with minimum	with a minimum
2	Increasing	an increase
2	developed Grey	developed the Grey
2	optimized of welding	optimized welding
2	rpm and taper	rpm and the taper
2	Maximum	The Maximum
2	using PSO	using the PSO
2	used WPCA-ANN-PSO	used the WPCA-ANN-PSO

2	search the optimal	Search for the optimal
2	that were considered	that was considered
3	of dissimilar	of the dissimilar
3	get better	get a better
3	with chemical	with a chemical
3	composition that done	composition done
3	by universal	by a universal
3	tested machine	testing machine
3	with chemical	with the chemical
3	with cylindrical	with the cylindrical
3	time about	time of about
3	joint completed the tensile test is done according	joint is completed the tensile test is done according to
3	by water	by a water
4	which is experimental	which is an experimental
4	used shown	used is shown
4	of joint	of the joint
5	Its	Their
5	of birds	of the birds
5	in a design space and find best	in the design space and finds the best
5	networks (ANN) is similar	networks (ANN) are similar
5	factors as an input	factors input
5	six of hidden	six hidden
5	of feed forward	of the feed-forward
5	Normalized is done on both of input	Normalization is done on both input
5	Reduce	Reducing
6	Logsig	Login
6	of conventional	of the conventional
7	results was shown	results were shown
7	Too	To
7	is depend	is depends
7	on mixture	by a mixture
7	of tool lead	of the tool leads
7	are used	is used
7	Method	Methods
8	that are done	that is done
8	reason of getting	reason for getting
8	in spite of	despite

8	From above table	From the above table,
8	that lead to decrease the	that leads to a decrease in the
8	factor are equal	factor is equal
8	do tensile	do a tensile
8	of tool	of the tool
8	of joint	of the joint
8	of low	of the low
8	by new	by a new
8	to decrease the	to a decrease in the

Comments to Editor :

After some modification as per the reviewer's comments, the article can be accepted for possible publication

Reviewer 2: --

1. The paper should be written properly in JMCMS Journal format.
2. References and in-text citations are not in JMCMS Journal format.
3. More references should be included and sequentially/adequately arranged.
4. Authors are advised that the abstract part should be more specific.
5. Result and Discussion section should be specific and informative.
6. Conflict of interest regarding the article should be mention in the text.

Comments to Editor :

This article needs some modification. After some modification, the article can be accepted for possible publication.

Reviewer 3: --

1. The Paper should be written in JMCMS Journal format.
2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.
3. The abstract part is needed to be modified and try to write in short.
4. All the tables and equations should be placed properly.
5. Conflict of interest regarding the article should be mention in the text.

Comments to Editor :

After modifying the said points, the paper can be accepted for possible publication.

[Note: This is a computer-generated Report hence, no need for any Signature.]