

JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES



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A NEW AND RELIABLE STATISTICAL APPROACH WITH EFFECTIVE PROFILING OF HARDNESS PRESERVING SAMPLES IN TIG-WELDING, THERMAL TREATMENT AND AGE-HARDENING OF ALUMINUM ALLOY 6061

Reviewer 1: --

- 1. In several sections, sentences have spelling and grammar mistakes, which needs to be corrected.
- 2. In several sections' sentences have a space problem, which needs to be corrected.
- 3. Proper sentence construction in several sections to be modified.

Page No.	Actual	Suggested
1	on viable	on the viable
1	micro hardness	microhardness
1	<u>Statistical</u>	The statistical
2	Alloy	alloys
2	Beside	Besides
2	its	their
2	light weight	lightweight
2	for automotive	for the automotive
2	microstructure of welded	the microstructure of the welded
2	condition	conditions
2	the catastrophic	catastrophic
2	homogenize	homogenizes
2	plays vital	play a vital
2	Lot	A Lot
2	on statistical	on the statistical
2	be of objective	be objective
3	contribution	contributions
3	of present	of the present
3	at various	at a various
3	Interval	intervals
3	using annealed	using an annealed
3	using wire	using a wire
3	using stereo microscope	using a stereo microscope
3	Microstructural	The Microstructural
3	using metallurgical	using a metallurgical
4	account the	Account for the

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4	exactly same mean	the same mean
4	samples are	samples is
4	be same	Be the same
4	for the reliability	For reliability
4	of sample	of the sample
4	can defined	can be defined
5	Range	range of
5	Than	<mark>then</mark>
5	of sample	of the sample
5	but worst	but the worst
5	higher	a higher
5	Similar	a similar
5	sample	Samples
5	have more	have a more
5	Stereo	The stereo
5	of as welded	of the welded
5	appearance are	appearance is
5	Microstructure	The microstructure
5	of unwelded	of an unwelded
5	sample	<u>Samples</u>
5	Aluminum	the aluminum
5	base	The base
8	a worst	the a worst
8	to maximum	to a maximum
8	of the samples	of samples
8	at same	at the same
8	harness	<mark>hardness</mark>
9	on the effective	on effective
9	On the basis of	Based on
9	with reference to	concerning

Comments to Editor:

1. After modifying the content, paper can be accepted for possible publication

Reviewer 2: --

- 1. 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. Authors need to Modify the Abstract and conclusion more appropriately.
- 4. Conflict of interest regarding the article should be mention in the text.

Comments to Editor:

1. After modifying the content, the paper can be accepted for possible publication.

Reviewer 3: --

- 1. 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 and conclusion are needed to be Modified in accordance to fulfil the paper's aim.
- 4. Conflict of interest regarding the article should be mention in the text.

Comments to Editor:

1. After modifying the content, the paper can be accepted for possible publication.

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

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