

# JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES



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## A PROPOSED FIRE DETECTION SURVELLIANCE THROUGH MACHINE LEARNING BASED ON HAAR CASCADE CLASSIFIER

### Reviewer 1: --

- 1. The sentence construction should be proper in several sections in this article to be modified.
- 2. In several sections, sentences have spelling and grammar mistakes, which need to be corrected.

Page No.	Actual	Suggested
1	In order to	T <sub>O</sub>
1	detectors, temperature	detectors, and temperature
1	detect fire	detect a fire
1	<mark>has used</mark>	has been used
1	<u>In</u>	<mark>Into</mark>
1	form an	form of an
1	compare with	compare it with
1	of pattern and worthwhile	of patterns and is worthwhile
1	providing the better	providing better
1	it easily implant	it is easily implanted
2	threaten for mankind. Fire	threats to mankind. A fire
2	it is preferable that the system has the capacity to	the system should have the capacity to
2	in close proximity	Nearby
2	Detect	Detects
2	for the surveillance	for surveillance
2	Message	Messages
3	involves in the pattern detection	involves pattern detection
3	into the small	into small
3	Were	Was
3	used, whether	used, and whether
3	and regular	and a regular
3	Gather Gather	Gathered
4	In paper	In the paper
4	In paper	The paper
4	Want	Wants
4	<b>Integrated</b>	Integrating
4	Introduces	Introducing
4	contains Camera	contains a Camera

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4	in actual	in the actual
4	<u>In</u>	Of
4	Are	Is
4	Collect picture	Collects pictures
4	transfers to	transfers them to
4	by means of	Using
4	Extract Red	Extract the Red
4	Module	Modules
4	used LAB	Used the LAB
4	model are shows	model shows
5	fact that a color and	fact that color
5	Passes	Pass
5	with the goal of making	to make
5	with the goal of simplifying	to simplify
5	a number of	Several
6	in Pi	in the Pi
9	on saturation	on the saturation
9	to object	to the object
9	<u>In</u>	<u>Into</u>
9	if the fire	if a fire
10	Sent	Send
10	which afterward	which are afterward
10	detect fire	detect a fire
10	Degree	Degrees
10	pi executed	pi was executed
10	implementing GSM	implementing a GSM
10	which identifies	that identifies
10	forbid buzzer	forbid the buzzer
10	through alert message	through an alert message

## **Comments to Editor:**

1. 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. More references should be included and sequentially/adequately arranged, as cited in the text.
- 3. Conflict of interest regarding the article should be mention in the text.

### **Comments to Editor:**

1. 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. All the pictures should be clear and the resolution should be high.
3. 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.]