**APPLICATION OF INDUSTRIAL ROBOTS IN WELDING**

**PROCESS(12 pt, ,** font Times New Roman **Bold)**

First Author1, Second Author2**(10 pt, ,** font Times New Roman**)**

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***ABSTRACT: (10 pt,* ,** font Times New Roman ***Bold, Italic)***

*Until today, the largest application of industrial robots is in welding process,( 10 pt. Italic, font Times New Roman) and reason is clear. Firs reason is, that is technological process which harms workers health and second reason is, that is lot of welding operation in serial automobile manufacturing. In this paper is analyzed annual...*

***Keywords:*** *robot, welding, modeling, stock, world, Europe* ***(10 pt,*** font Times New Roman ***Bold*)**

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**1. INTRODUCTION (10 pt,** font Times New Roman **Bold)**

 Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx[1] .10 pt, font Times New Roman.

**2. OTHER TOPICS (10 pt,** font Times New Roman **Bold)**

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx[2]. 10 pt, Times New Roman.

**2.1. The title of Part chapter (10 pt,** font Tim. New Roman **Bold)**

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx[3]. Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx 10 pt, font Times New Roman

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx 10 pt, font Times New Roman..



**Fig.1.** Xxxxxxx xxxxxxx (10 pt, font Times New Roman)

**Table 1**. Xxxxxxxxxxxxx xxxxxxxxxxx (10 pt, font Times New Roman)

|  |  |  |
| --- | --- | --- |
| Xxxxxxxxx | Xxxxxxxxx | Xxxxxxxxxxx |
| to 5 | to 20 | to 100 |
| 5 – 100 | 20 – 200 | 100 - 500 |
| - | 200 – 500 | 500 - 5000 |

Equationsxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx ( 10 pt, font Times New Roman.)

 (1)

# **3. CONCLUSION (10 pt,** font Times New Roman **Bold)**

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx ( 10 pt, font Times New Roman.) .

**4. REFERENCES (10 pt,** font Times New Roman **Bold)**

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*Note:*

*The author can cite a maximum of three of his papers !*

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