Margin: 25mm

English Title: Times New Roman, 16pt
-Englsih Subtitle: Times New Roman, 14pt-

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Papers submitted must be original, and previously unpublished. The responsibility for the contents of published articles rests solely with the authors and not the society. Copyright of the papers published belongs to the JSME (Japan Society of Mechanical Engineers). [Abstract: Times New Roman, 9pt, 100-150words]

Key Words: Robot, Manipulation,…, (no more than five words) [Times New Roman, 9pt]

1. Introduction (Chapter, 11pt, Bold, Centered)

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1.1 Instructions (Section, 10pt, Bold, Left justification)

a) *Language*: English
b) *Paper size*: A4 (210×297mm)
c) *Paper margins*: The papers must strictly leave the following margins: Top = 25 mm, Bottom = 25 mm and Side = 15 mm. However side margin of the parts between Title and Key words is more than 25 mm. Each column measures 87 mm wide, with a 6 mm gap between the two columns.
d) *Paper styles*: Left- and right-justify the columns. On the last page of your paper, adjust the lengths of the columns so that they are equal. Papers should NOT have page numbers, headers and footers.
e) *Type size and typefaces*: See Table 1. Times New Roman is the preferred font.
f) *Line spacing and number of characters*: Line spacing is about 4 mm with approximately 65 characters per a line.
g) *Page limit*: Not more than 4 pages. Over-length papers (more than 4 pages) are not accepted. Illustrations and references are also counted in the pages.
h) *Figures and Tables*: Use the high resolution (300dpi or above) figures, plots, drawings and photos. Try to position figures and tables at the tops and bottoms of columns and avoid placing them in the middle of columns. Large figures and tables can cover both columns. Figure captions should be centered below the figures; table captions should be centered above. Avoid placing figures and tables before their first mention in the text. Use the abbreviation "Fig. #," even at the beginning of a sentence. Use words rather than symbols for Figure axis labels as shown in Fig. 1. Put units in parentheses. Do not label axes only with units.
i) *Units*: Use SI (MKS) as primary units.
j) *Equations*: Number equations consecutively with equation numbers in parentheses flush with the right margin, as in Eq. (1). Punctuate equations with commas or periods when they are part of a sentence, as in

$$M\ddot{r}_{str1} + F_{frk} = M g. \qquad (1)$$

Symbols in your equation should be defined before the equation appears or immediately following. Cite equations using "Eq. (1)," not "(1)" or "equation (1)," except at the beginning of a sentence: "Equation (1) is …".

Table 1 Type size and typefaces for papers

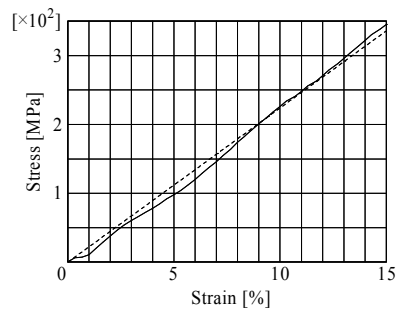| Applicable objects	Type size (pts.)	Appearance
Paper title	16	Regular
Paper subtitle	14	Regular
Authors' names	12	Regular
Affiliations, e-mail address	10	Regular
Abstract, Key words	9	Regular
Chapter title	11	Bold
Section title	10	Bold
Body text	10	Regular
Table and figure captions, footnotes, text subscripts, and superscripts	9	Regular
References	8	Regular

Fig. 1 Tensile stress-strain diagram

k) *References*: Number citations consecutively in square brackets [1]. Refer simply to the reference number. Use "Ref. [1]" or "Reference [1]" at the beginning of a sentence. Give all authors' names; use "et al." if there are six authors or more. Papers that have not been published, even if they have been submitted for publication, should

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be cited as "unpublished". Papers that have been accepted for publication should be cited as "in press".

l) *Paper submission*: Paper file such as Word file or Tex file is required to be converted to PDF file. Only PDF file is accepted. The size of the PDF file is limited to 1MB. Papers (pdf) can be submitted by way of the upload page of the Robomec web site.

Submitted PDF files are included into the conference proceedings CD-ROM.

References

[1]   Fleming, I., Dalton, T. and Brosnan, P., "Swing Motion Control of Casting Manipulation," *IEEE Control Systems*, vol.19-4, pp.56-64, 1999.

[2]   Connery, S., Lazenby, G. and Moore, R., "Casting Manipulation (Experiments of Swing and Gripper Throwing Control)," *JSME International Journal of Mechanical Systems, Machine elements and Manufacturing*, vol.45-1, pp.267-274, 2002.