

A101 Instructions for Manuscript Preparation Font Times New Roman 12pt
2nd Report: Subtitle if you need Font Times New Roman 12pt
(a 12pt line space)

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(two lines space with 10 pt)

Abstract should be written with 10pt Times New Roman and single-space from here. The Number of words is limited within 150.

Please send a Word file (.doc) and PDF(.pdf) file of 2 or 4 pages with A4 size to the organizing committee jsrae10@jsrae.or.jp.

High quality setting is recommended for PDF conversion.

The file size should be less than 2 MB.

Times New Roman is recommended.

Deadline: July 30, Friday

(a 10pt line space)

Keywords: Keyword1, Keyword2, Keyword3, Keyword4, Keyword5

(two lines space with 10 pt)

1. Introduction (Top heading should be in bold)

Manuscripts should be made on two or four pages of A4 paper. The main text should be written in two-column format with a font of 10 pt Times. The interval of columns should be 8 mm.

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1.1 Paper size and Margins

(1) Paper size

A4 paper.

(a 10pt line space)

(2) Margins

top: 25 mm, bottom: 25 mm

left: 20 mm, right: 20 mm

upper header: 15 mm from top edge of paper

lower footer: 15 mm from bottom edge of paper

(a 10pt line space)

2. Format

Manuscripts should consist of the title, author(s), author's affiliation and address, abstract, keywords, and main text. Those should be written according to the format given in this template. MS-Word users: please use the heading styles contained in this document.

2.1 Author(s)

Please indicate the name of the presenting author with "+" leading the name.

2.2 Main text

Main text should begin at two lines below keywords.

2.3 Heading

For example, the headings in this template are.

2.4 Equations

Equations and symbols should be written with 10pt italic font except super/sub scripts. There should be one line space

upper and lower equation. In the main text, a equation is explained as Eq.(1).

(a 10pt line space)

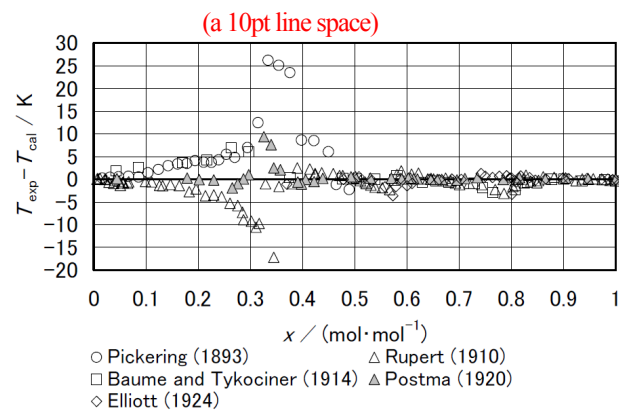
$$G_m - F_m = p_m V_m \quad (1)$$

(a 10pt line space)

2.5 Figures and tables

Proceedings will be printed in monochrome. Keep margins.

Figures and tables should be explained in main text as Fig.1, Table 1.



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Fig.1 Deviation of measured freezing point temperatures from correlations by Tillner-Roth [2].

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Table 1 Historical data of vapor pressure of ammonia.

(a 10pt line space)

Author	Year	T	p	Ref.
Keyes	1918	240-398	0.103-9.96	1
Cragoe	1920	195-343	0.00563-3.31	25
McKelvey	1923	195-195	0.1	26
Beattie	1930	303-405	1.17-11.3	8
Overstreet	1937	176-242	0.0008-0.1114	27

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2.6 References

References should be indicated by [1], [2,3], [4-7], and be listed at the end of manuscript. Examples are shown in the next page.

3. How to submit your manuscript

Please send your manuscript in PDF format to the e-mail address below. The file size should be less than 2 MB.

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4. Deadline

July 30, 2010

5. Inquiry

Organizing Committee of 2010 JARAE Annual Conference

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ACKNOWLEDGMENTS

Our thanks to ...

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NOMENCLATURE

- c_p : specific heat at constant pressure, $\text{kJ} \cdot \text{kg}^{-1} \cdot \text{K}^{-1}$
 F : Helmholtz function, kJ
 G : Gibbs function, kJ
 h : specific enthalpy, $\text{kJ} \cdot \text{kg}^{-1}$
 p : pressure, kPa
 T : temperature, K
 t : Celsius temperature, $^{\circ}\text{C}$
 V : volume, m^3

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REFERENCES

- [1] F.G. Keyes and R.B. Brownlee: *J. Am. Chem. Soc.*, **40**(1), 25 (1918).
- [2] R. Tillner-Roth, J. Li, A. Yokozeki, H. Sato and K. Watanabe: “*Thermodynamic Properties of Pure and Blended Hydrofluorocarbon (HFC) Refrigerants*”, JSRAE, (1997).
- [3] T. Miyazaki and K. Oguchi: *Proc. 2001 JSRAE Annual Conf.*, JSRAE, 181 (2001). (in Japanese)
- [4] Technical report of JSRAE : JSRAE Co., (2010. 4).
- [5] <http://www.jsrae.or.jp/> : (2010. 3).