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(A101-1)

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A101

Instructions for Manuscript Preparation 2nd Report: Subtitle if you need

Font Times New Roman 12pt
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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 up to 200 words

Please send a Word file (.doc) and PDF(.pdf) file of 2 or 4 pages with A4 size to the organizing committee at jsrae15@jsrae.or.jp

High quality setting is recommended for PDF conversion.

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Times New Roman is recommended.

Deadline: Aug. 28,

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Keywords: Keyword1, Keyword2, Keyword3, Keyword4, Keyword5

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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

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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 "O" heading the name.

2.2 Main text

Main text should begin at two lines bellow 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)

$$G_{in} - F_{in} = p_{in} V_{in} \quad (1)$$

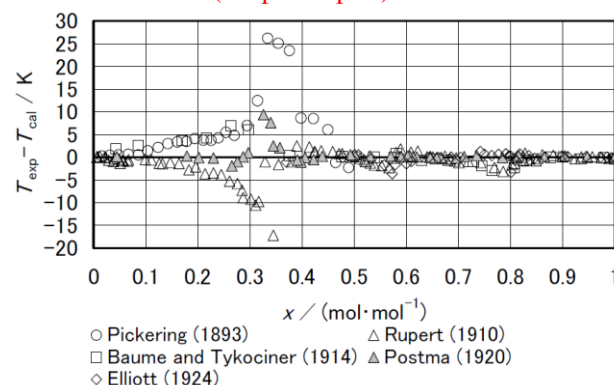
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2.5 Figures and tables

Proceedings will be printed in monochrome. Keep margins.

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

(a 10pt line space)



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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 addresses below. The file size should be less than 5 MB.

Professor Kiyoshi SAITO
Chairman of the Conference
jsrae15@jsrae.or.jp

4. Deadline

Aug 28, 2015

5. Inquiry

Organizing Committee of 2015 JSRAE Annual Conference
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ACKNOWLEDGMENTS

Our thanks to ...

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

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).