Example of TEX Format for AQIS Pre-Proceedings

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Abstract.   Please substitute this for your 100-words abstracts.

Keywords: AQIS, template

1   Format of the Manuscripts

The camera-ready version should be *e-mailed* to aqis15@kias.re.kr with the title of your message beginning with [manuscript *number*], e.g., "[manuscript 189]" and the pdf file named as "aqis15-189.pdf".

It should follow the style described below.

Basic Format:

- When you create PDF file from your manuscript source (especially from MS-Word), please select fonts carefully for some fonts cannot be handled well by PDF creating system.

- The manuscript should not exceed two pages including the title page, using A4-sized papers.

- No page of the manuscript should contain page numbers/page headings.

Layout:

- The manuscript should have top-, foot-, and side-margins of 2cm, 2.5cm, and 1.5cm, respectively (the title page should have top margin of 3cm).

- The manuscript should begin with a title, followed by names, affiliations and postal addresses of authors, followed by a 100-word abstract and keywords. The main body should use two-column style. E-mail addresses of authors should be placed in footnotes.

2   Theorems and Proofs

Our style file prepares the following environments.

Environment name	Heading
definition	**Definition**
theorem	**Theorem**
lemma	**Lemma**
corollary	**Corollary**
proposition	**Proposition**
example	**Example**
remark	**Remark**
fact	**Fact**
conjecture	**Conjecture**

3   Figures and Tables

For figures and tables, the captions should be placed below figures and above tables.

4   Bibliography Styles

The following bibliography style used in this document is preferable. The authors may use common abbreviations for journal and conference names.

References

[1] L. K. Grover. A fast quantum mechanical algorithm for database search. In *Proc. of the 28th ACM STOC*, pages 212–219, 1996.

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[3] A. S. Holevo. The capacity of quantum channel with general signal states. quant-ph/9611023, 1996.

[4] P. W. Shor. Polynomial-time algorithms for prime factorization and discrete logarithms on a quantum computer. *SIAM J. on Comp.*, 26(5):1484–1509, 1997.

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