Submission to *The Brain and Neural Networks*

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(Partial amendment as of September 20, 2006)

(Partial amendment as of October 9, 2008)

(Partial amendment as of April 1, 2010)

(Partial amendment as of April 1, 2011)

(Partial amendment as of June 23, 2011)

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1. Information about the Contents of the Publication

The Brain and Neural Networks is issued four times a year as a Japanese journal of the Japanese Neural Network Society. *Neural Networks* is issued ten times a year as an English journal common to the following three academic societies: the International Neural Network Society (INNS), the European Neural Network Society (ENNS), and the Japanese Neural Network Society (JNNS).

We welcome submissions of neural networks articles related to the following disciplines:
the bio-neural system, cognitive science, visual processing, auditory processing, natural language processing, circuit architecture, circuit dynamics, learning, memory, self-organization, optimization, robotics and control, fuzzy processing, genetic algorithm, and so on.

As to the form of submissions, "research articles" and "research notes" are accepted. Both should be original, and if the piece was already submitted to other academic journals and the like, it generally will not be published. The respective characteristics are as follows:

Research Articles: It is necessary for the content to contribute somewhat to the development of academic study and industry in the abovementioned fields. New theories, experiments with new content, simulations or reports on the expansion and supplementation of existing theories, experiments, and simulations, and new methods, ideas, systematization of theories and experiments and presentations of new facts and reports on the development of simulation technologies and so forth are acceptable.

Research Notes: We position the forum as a means for members to exchange opinions related to the presentation of new issues and topics of research, particularly focusing on promptness, furnishing reference materials, discussions on books and research articles in the journal, opinions and discussions of readers, summary of discussions via e-mail, and so on.

If you submit a manuscript, please prepare it according to the following regulations:

2. **Regulations for Submissions**

(A) A research article shall generally be within 10 pages.

(B) Research notes shall generally be within 2 pages.

A page off the press of the journal is 24 letters x 46 lines x 2 columns, which is equal to 5.5 pages of 400-character manuscript paper.

An article manuscript shall generally be prepared by word processor. In Japanese, it shall be 25 letters x 20 lines in A4 size. In English, it shall be double spaced with a margin of 2.5cm on the right, left, top, and bottom, respectively.

The style file for LaTex can be downloaded at http://www.jnns.org/journal/index.html

2.1 The manuscript shall be arranged in the following order:

1) Cover

2) English summary within 100 words

3) Text

4) Acknowledgements

5) References

6) Tables and figures

7) Captions

Provided, however, since the cover is the first page, an English summary is on the second page, and the text starts on the third page.

2.2 Cover

On the cover, the title, name of author, name of affiliated organization, English title, the name of author in the Roman alphabet, English name of affiliated organization, contact address, name, telephone, Fax number, and e-mail shall be entered.

2.3 Description and Terms

1) Text shall be in everyday-use kanji, modern kana usage, and horizontal writing. Numbers shall be in Arabic numerals.

2) For English spellings, common nouns are in small letters, and proper nouns should have an initial capital letter with the remainder of the word in small letters. Capital letters count as one character space and two small letters count as one character space.

3) Numbers of Figures and Tables, captions, and codes shall be in English.

4) Figures shall be drawn on a reduced scale from 1/2 – 1/4 so that they will be in the scope of the width of 7cm (one column) or 15 cm (entire figure).

5) Inserting positions of figures and tables shall be indicated on the right margin of the manuscript text.

6) References shall be presented on the right shoulder of the necessary position in the text by the number 1), 2), 3), and so on in order of citation and shall be presented in the column of references of the manuscript. For names of authors in the reference column, all coauthors shall be enumerated, and both first and family name shall be included.

7) How to document references:

(a)For magazines

   1) Kessner, C. (1990): Pattern processing in multilayer feed forward networks,
   Neural Networks, Vol. 2, No. 3, pp.533-559

   2) For books

      1) Timoshenco, L. (1985): Remarks on extrapolation and recognition, In D.S. Touretzky (Ed.), Advances in Neural Information Systems (pp. 931-947) San Mateo, CA: Morgan Kauffman

3. Treatment of Submitted Manuscripts

The editorial committee shall determine whether to publish the submission based on the examination of referees designated by the editorial committee.

4. Separate Prints

We ask submitters to purchase separate prints of more than 100 copies of the submitted article to be published. Please apply for separate prints in the application form when you proofread the manuscript.

5. Submitting the Manuscript

If submitting by mail, send one copy of the original manuscript and three copies, and if submitting by e-mail, send a PDF file of the manuscript to the Chairman of the editorial committee as set forth below.

Send manuscript to: Chairman of the editorial committee, Kazushi Ikeda, Nara Institute of Science and Technology, Graduate School of Information Science

630-0192 8916-5 Takayamcho, Ikoma-shi, Nara

Tel: 0743-72-5980 Fax: 0743-72-5989

e-mail: kazushi@is.naist.jp

Rate of Separate Prints of *The Brain and Neural Networks*

Rate of separate prints of articles in the journal are as follows:

●Burden (including 100 copies of separate prints) is ¥5,000 per page.

●Burden (including 200 copies of separate prints) is ¥6,000 per page.

●Burden (including 300 copies of separate prints) is ¥7,000 per page.

For example, if "Research Article" is 6 pages, the rate for separate prints is ¥30,000 (including 100 copies of separate prints).

If "Research Notes" is 2 pages, the rate of separate prints is ¥10,000 (including 100 copies of separate prints).

6. **Other Submissions**

    Submissions of book reviews, article reviews, press circles, overseas reports (academic society, studying abroad) are also welcomed. Form and treatment of the submitted manuscript shall generally be the same as that for research articles and research notes.

7. **Treatment of Copyrights**

    Treatment of copyrights shall be in accordance with the Copyright Regulations to be determined separately.