

The Japanese Economic Review

The Journal of the Japanese Economic Association

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No. 1

March 2002

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2001 JEA-Nakahara Prize

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IN MEMORIAM,
PROFESSOR HUKUKANE NIKAIDO

By THE MEMBERS OF THE EDITORIAL BOARD

Professor Hukukane Nikaido, born in Tokyo in 1923, died on August 21, 2001. Professor Nikaido served as a member of the honorary board of editors for the *Japanese Economic Review*, published by the Japanese Economic Association, since the *Review* started in 1995. He also was a member of the editorial board for the *Economic Studies Quarterly*, the predecessor of the *Review*, from 1966 through 1968. In 1978, he was the President of the Japanese Economic Association. Over the course of his long and distinguished career, Professor Nikaido taught at universities including Osaka University, Hitotsubashi University and Tsukuba University.

Beginning in the 1950s, Professor Nikaido made seminal contributions to mathematical economics and economic theory. In his *Metroeconomica* paper (1956), he gave one of the first proofs to the existence of a competitive general equilibrium, along with McKenzie, Arrow and Debreu. The paper that he coauthored with Gale in 1965 established a fundamental result on the global uniqueness of solutions to non-linear simultaneous equations, which is now known as the Gale–Nikaido Theorem. In 1968, Professor Nikaido published the book *Convex Structures and Economic Theory*. This book has been widely regarded as a masterpiece in mathematical economics and has influenced students and researchers around the world.

We are deeply indebted and grateful to Professor Nikaido, whose support of the *Review* in its early days was indispensable for building a sound foundation.

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Instructions to Contributors

1. Manuscripts and editorial communications should be sent in quadruplicate to The Editors, *The Japanese Economic Review*, The Institute of Statistical Research, 1-18-16 Shimbashi, Minato-ku, Tokyo, Japan 105.

Manuscripts should be written in English, and should be accompanied by a letter of submission stating that they are original unpublished work, not submitted for consideration elsewhere. Authors should supply an English abstract not exceeding 100 words and the JEL classification number(s).

Upon acceptance of an article, author(s) will be asked to transfer copyright of the article to the Japanese Economic Association. This transfer will ensure the widest possible dissemination of information.

2. Manuscripts should be typed on one side of the paper only, using double spacing throughout and leaving adequate margins on all sides. All pages should be numbered consecutively, and references, tables and legends for figures should be prepared on separate pages.

3. The first page of manuscripts should contain the following information:

(a) the title:

(b) the name(s) and affiliation(s) of the author(s); and

(c) the address for editorial correspondence, including phone and fax numbers and an e-mail address.

4. Footnotes should be kept to a minimum and be numbered consecutively. Acknowledgements can be given before the list of references.

5. Where mathematical derivations are abbreviated, the full workings necessary for justifying each step of the argument should accompany all manuscripts of a mathematical nature in order to assist referees. These workings will not be published.

6. In choosing mathematical notation, the following rules should be observed in order to avoid unnecessary delays and reduce printing expenses.

(1) Avoid unusual symbols when common usage will do without ambiguity, e.g., use a^* instead of \check{a} ;

(2) Avoid notation which requires setting in small fonts, e.g., use $x_i(t)$ instead of x_i^t ;

(3) Avoid fractions in the $\frac{a}{b}$ form when (a/b) form will do;

(4) Avoid expressions in the $e^{f(x)}$ form when $f(x)$ is complex, e.g., use $\exp\{-(x^2 + y^2)/a^2\}$ instead of $e^{-\frac{x^2+y^2}{a^2}}$;

(5) Avoid $\frac{df(x)}{dx}$ or $\frac{\partial^2 f(x)}{\partial x_1 \partial x_2}$ notation where f' or f_{12} will serve without any ambiguity;

(6) Reduce the heights of expressions such as \int , \sum and Π by using, e.g., $\sum_{i=0}^a$ instead of \sum_i^a ;

(7) Use abbreviations for complex expressions which appear frequently.

7. Statistical tables and diagrams should be neatly prepared with clear explanations, so that the reader can understand their meaning without hunting in the text for explanations.

8. Bibliographical references should be accurate, and follow the style and punctuation in the following examples:

References

Aitchison, J. and J. A. C. Brown (1957) *The Lognormal Distribution*, Cambridge: Cambridge University Press.

Arrow, K. J. (1951) "An Extension of the Basic Theorems of Classical Welfare Economics", in J. Neyman, ed., *Proceedings of the Second Berkeley Symposium on Mathematical Statistics and Probability*, Berkeley: University of California Press, pp. 507-532.

Panzer, J. C. and R. D. Willig (1977a) "Free Entry and the Sustainability of Natural Monopoly", *Bell Journal of Economics*, Vol. 8, No. 1, pp. 1-22.

— and — (1977b) "Economies of Scale in Multi-Output Production", *Quarterly Journal of Economics*, Vol. 91, No. 3, pp. 481-493.

Citation of references in the text should be by author(s) followed by parenthesized Arabic numerals denoting the year of publication, as Aitchison and Brown (1957), Arrow (1951, Theorem 1), Panzer and Willig (1977b, p. 488), etc.

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