

**A Collection of Research Processes for
Genealogy and Proofs**

VOLUME FIFTEEN, SECTION 121

**Copy of the Letters Which Were Sent to Academic Communities
in Finland in 1997**

by

Dr. Dong-Keun Shin

- The first section in this volume contains the correspondence with Professor Donald E. Knuth at Stanford.
- A list for the country's school names is included only once in this section for one or two national leaders.

March 1998

**Submitted to the Chair of
Department of Electrical Engineering and Computer Sciences
College of Engineering
University of California, Berkeley
Berkeley, CA 94720
U. S. A.**

Building Management
Hwa Shin Building
705-22 Yuksam-dong, Kangnam-gu
Seoul 135-080
Republic of Korea
Faxes: 82-2-565-7907, 82-342-718-9789

February 4, 1997

President Martti Ahtisaari
Office of the President
Mariank 2
FIN00170 Helsinki 17
Finland

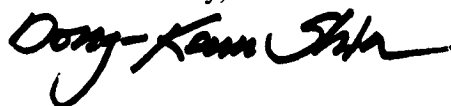
Dear President:

It is a great honor to write a letter to you. My recent correspondence with Professor Emeritus Donald E. Knuth at Stanford University tells me that I need to ask your country's opinion about my research in Computer Science. I have attached our correspondence so that scientists in Finland may criticize and evaluate my ideas. I am also sending my letter and correspondence to presidents (or equivalent ones) of universities and colleges in Finland as shown in the enclosed list. Please allow and support them to investigate my research results. Scientists may read *A Collection of Research Processes for Genealogy and Proofs* which were submitted to the chair of Electrical Engineering and Computer Sciences Department at the University of California, Berkeley in the USA. The papers that I sent to Professor Knuth are included in Section 17, Volume 2 of the collection.

My major accomplishments in Computer Science have been: (1) discovering Shin's massive cross-referencing (or Shin's join) algorithm, the best algorithm of its kind to date, (2) discovering Shin's (mapping) hash function, the best hash method to date, and (3) verifying that there is no distinguishable difference between the distribution performance of one RGDI (relatively good and data independent) hash function and that of another when surveying hash functions. Based on the first verification of the kind, I have come up with the hypothesis that the phenomenon of relatively good solutions is present in each group of polynomial time solutions for complex problems that basically require exponential time algorithms as solutions. If the important verification and discoveries really belong to me, I believe I have made the greatest contribution to Computer Science.

I openly invite any effort from academic communities to scrutinize my work. If Finland reaches any conclusions disputing my findings, please provide your opinion to Professor Knuth or me. If what I believe is true, please support me to lead computer science academia. I need your official endorsement. Thank you for your time. I will pray for your country.

Sincerely,



Dr. Dong-Keun Shin

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Prime Minister
Office of the Prime Minister
Aleksanterinkatu 3 D
P. O. Box 275
FIN00171 Helsinki 17
Finland

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Finland

(13 schools)

Abo Akademi University
Helsinki University of Technology
Swedish School of Economics and
Business Administration
University of Helsinki
University of Joensuu
University of Jyväskylä
University of Kuopio

Lappeenranta University of Technology
University of Oulu
Tampere University of Technology
University of Tampere
Turku School of Economics and
Business Administration
University of Vaasa

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February 4, 1997

Rektor
Office of the Rektor
Abo Akademi University
Domkyrkotorget 3, FIN-20500 Abo
Finland

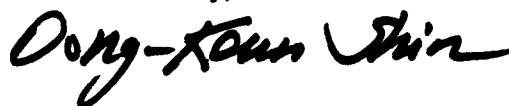
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cc: Chair, EECS Department, College of Engineering, U. C. Berkeley, Berkeley, CA 94720, U.S.A.

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705-22 Yuksam-dong, Kangnam-gu
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Rehtori
Office of the Rehtori
Helsinki University of Technology
Otakaari 1, FIN-02150 Espoo
Finland

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(to be filled with more letters)

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University of Vaasa
WWolffintie 36, P.O. Box 297
FIN-65101 Vaasa
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Chairperson
Opetusministerio
P.O. Box 293, Meritullinkatu 10, FIN-00171
Helsinki
Finland

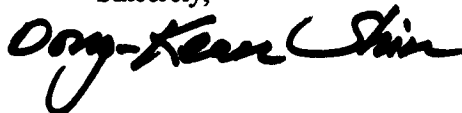
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Chairman
Council for Higher Education
Pohjoisranta 4 A 9, P.O. Box 293, FIN-00171
Helsinki
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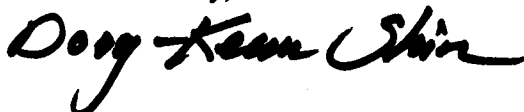
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February 4, 1997

Chairman
Suomen korkeakoulujen rehtorien neuvosto
University of Helsinki, Fabianinkatu 33
P.O. Box 3, FIN-00100
Helsinki
Finland

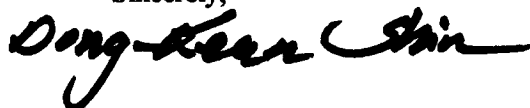
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Director
Centre for International Mobility
Hakaniemenkatu, P.O. Box 343, FIN-00531
Helsinki
Finland

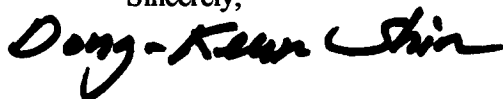
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A handwritten signature in black ink, reading "Dong-Keun Shin". The signature is fluid and cursive, with the first name "Dong" and last name "Shin" clearly distinguishable.

Dr. Dong-Keun Shin

cc: Chair, EECS Department, College of Engineering, U. C. Berkeley, Berkeley, CA 94720, U.S.A.

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Ministry of Education, Meritullinhatu 10
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