

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

VOLUME FIFTEEN, SECTION 112

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

Queen Margrethe II
Royal Danish Court
Det Gule Palae
DK-1256 Copenhagen K
Denmark

Dear Queen:

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 Denmark may criticize and evaluate my ideas. I am also sending my letter and correspondence to presidents (or equivalent ones) of universities and colleges in Denmark 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 Denmark 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

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

Prime Minister
Office of the Prime Minister
Christiansborg
Prins Joergens Gaard 11
DK-1218 Copenhagen K
Denmark

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Sincerely,

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Dr. Dong-Keun Shin

Denmark

(12 schools)

Aalborg University

Engineering Academy of Denmark

Technical University of Denmark

Ingeniørhøjskolen, Aarhus Teknikum

Ingeniørhøjskolen, Esbjerg Teknikum

Ingeniørhøjskolen, Haslev Teknikum

Ingeniørhøjskolen, Helsingør Teknikum

Ingeniørhøjskolen, Horsens Teknikum

Ingeniørhøjskolen, Københavns Teknikum

Ingeniørhøjskolen, Odense Teknikum

Ingeniørhøjskolen, Sønderborg Teknikum

Ingeniørhøjskolen, Vestjysk Teknikum

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February 4, 1997

Rector
Office of the Rector
Aalborg University
Postbox 159, 9100 Aalborg
Denmark

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Dr. Dong-Keun Shin

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

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Hwa Shin Building
705-22 Yuksam-dong, Kangnam-gu
Seoul 135-080
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February 4, 1997

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Office of the Rector
Engineering Academy of Denmark
Bygning 101, 2800 Lyngby
Denmark

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(to be filled with more letters)

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Republic of Korea
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February 4, 1997

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Office of the Rector
Ingeniørhøjskolen, Vestjysk Teknikum
Valdemarsvej, 339, 7400 Herning
Denmark

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February 4, 1997

Minister of Education
Ministry of Education
Frederiksholms Kanal 26, 1220 København K
Denmark

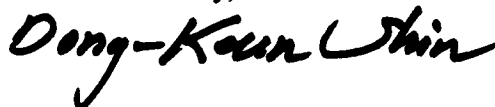
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February 4, 1997

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Ministry of Research
H.C. Andersens Boulevard 40
1553 København V
Denmark

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Seoul 135-080
Republic of Korea
(Faxes) 82-2-565-7907, 82-342-718-9789

February 4, 1997

Minister
Danish Ministry of Cultural Affairs
Nybrogade 2, 1203 København K
Denmark

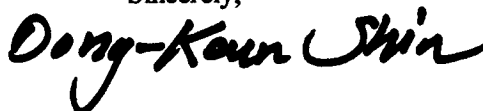
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Hwa Shin Building
705-22 Yuksam-dong, Kangnam-gu
Seoul 135-080
Republic of Korea
(Faxes) 82-2-565-7907, 82-342-718-9789

February 4, 1997

Chairperson
Department of Higher Education
Ministry of Education
Frederiksholms Kanal 28, 1220 København K
Denmark

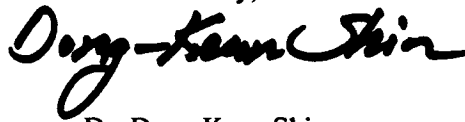
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Sincerely,

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.

Building Management
Hwa Shin Building
705-22 Yuksam-dong, Kangnam-gu
Seoul 135-080
Republic of Korea
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February 4, 1997

Chairperson
Department of International Relations
Ministry of Education
Frederiksholms Kanal 25, 1220 København K
Denmark

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February 4, 1997

Rector
The Danish Rectors' Conference
Frederiksholms Kanal 26, 1220 København K
Denmark

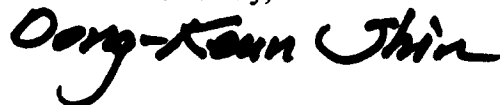
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February 4, 1997

Chairman
The Danish Federation of
Professional Associations
Norre Voldgade 29, 1358 København K
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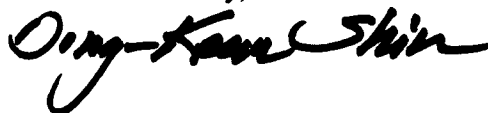
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February 4, 1997

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Frederiksholms Kanal 21, 1220 København K
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Dear Chairman:

It is a pleasure to write a letter to you. My recent correspondence with Professor Donald E. Knuth 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 your country may criticize and evaluate my ideas. I am also sending my letter and the correspondence to universities and colleges in your country. For further investigation on my research, your 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. In particular, I coined the term "phenomenon of relatively good (RG) solutions" in reference to the verification in the survey. Based on the first verification of the kind, I have come up with the hypothesis that the phenomenon of RG solutions is present in each group of polynomial time solutions for complex problems that basically require exponential time algorithms as solutions. With the important verification and discoveries mentioned above, I believe I have made the greatest contribution to Computer Science.

I hope every computer scientist in your country knows about the correspondence and my work. If your country reaches any conclusions disputing my findings, please provide your opinion to Professor Knuth or me. If what I claim is valid, please support me to lead computer science academia and continue being communicative. I need an official endorsement from your country's ministry of education or an equivalent. Thank you for your time. I look forward to hearing from you.

Sincerely,



Dr. Dong-Keun Shin

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