

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

VOLUME TWENTY-ONE, SECTION 206

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

King Fahd 'Abd al-Aziz Al-Sa'ud
Office of the King
Riyadh
Saudi Arabia

Dear King:

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


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Sincerely,

A handwritten signature in black ink, appearing to read 'Dong-Keun Shin', written in a cursive, flowing style.

Dr. Dong-Keun Shin

Saudi Arabia

(4 schools)

King Abdul-Aziz University
King Fahd University of Petroleum and
Minerals

King Saud University
Umm Al-Qura University

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

Director
Office of the Director
King Abdul-Aziz University
P.O. Box 1540, Jeddah 21441
Saudi Arabia

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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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February 4, 1997

Rector
Office of the Rector
King Fahd University of Petroleum and
Minerals
Dhahran 31261
Saudi Arabia

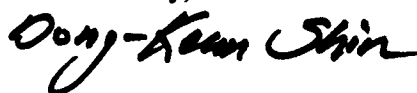
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Office of the President
King Saud University
P.O. Box 2454, Riyadh 11451
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February 4, 1997

Rector
Office of the Rector
Umm Al-Qura University
P.O. Box 407/715, Makkah 21441
Saudi Arabia

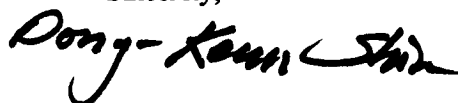
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February 4, 1997

Director
Directorate General for the Development of
Higher Education
Ministry of Higher Education Riyadh
Saudi Arabia

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February 4, 1997

Secretary-General
Higher Education and Universities Council
Ministry of Higher Education, Riyadh 11153
Saudi Arabia

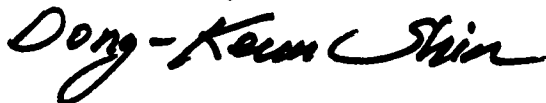
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National Commission for Unesco
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