# A Collection of Research Processes for Genealogy and Proofs

VOLUME TWENTY-TWO, SECTION 223

## Copy of the Letters Which Were Sent to Academic Communities in Taiwan 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 Lee Teng-hui
Office of the President
Chiehshou Hall
122 Chungking S. Road, Sec. 1
100 Taipei
Taiwan

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

Dong-Keun Shin

Dr. Dong-Keun Shin

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Office of the Premier
1 Chunghsiao E. Rd,
Sec. 1,
10023 Taipei
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Dr. Dong-Keun Shin

# Taiwan

(22 schools)

National Central University
National Cheng Kung University
National Chengchi University
National Chiao Tung University-College
National Chung Hsing University, Taichung
National Taiwan University
National Tsing Hua University
National Taiwan Institute of Technology
National Taiwan Ocean University
National Kaohsiung Normal University
National Pingtung Polytechnic Institute
National Yunlin Institute of Technology
Chung Yuan Christian University
Da-Yeh Institute of Technology
Fu Jen Catholic University
Huafan College of Humanities and Technology
Providence University
Tamkang University
Tatung Institute of Technology
Tunghai University
University of Chinese Culture
Yuan-Ze Institute of Technology

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Office of the President
National Central University
38, Wu Chuan Li, Chung-Li, Taoyuan 32054
Taiwan

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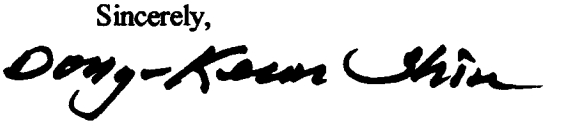

Dr. Dong-Keun Shin

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

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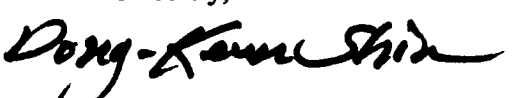

Dr. Dong-Keun Shin

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

(to be filled with more letters)

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5 South Chung Shan Road
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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,

Dong-Keun Shin

Dr. Dong-Keun Shin

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