

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

**VOLUME THIRTEEN, SECTION 93**

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

by

**Dr. Dong-Keun Shin**

- **The first section in this volume contains the correspondence with Professor Donald E. Knuth at Stanford.**

**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

Sultan of Brunei Sir Bolkiah Hassanah  
Office of the Sultan  
Istana Nurul Iman  
Bandar Seri Begawan  
Brunei

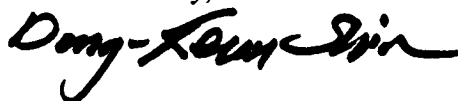
Dear Sultan of Brunei:

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 Brunei may criticize and evaluate my ideas. I am also sending my letter and correspondence to presidents (or equivalent ones) of universities and colleges in Brunei 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 Brunei 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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Hwa Shin Building  
705-22 Yuksam-dong, Kangnam-gu  
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February 4, 1997

Prime Minister  
Office of the Prime Minister  
Istani Nurul Iman  
1000 Bandar Seri Begawan  
Brunei

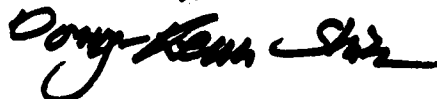
Dear Prime Minister:

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I openly invite any effort from academic communities to scrutinize my work. If Brunei 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.

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February 4, 1997

Minister of Education  
Ministry of Education  
Bandar Seri Begawan 1170  
Brunel Darussalam

Dear Minister:

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.