

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

**VOLUME TWELVE, SECTION 86**

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

**by**

**Dr. Dong-Keun Shin**

- 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

Governor General Sir Colville Norbert Young  
Office of the Governor General  
Belize House  
Belmopan  
Belize

Dear Governor General:

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

Dear Prime Minister:

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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

# **Belize**

**Belize Technical College Sixth Form**

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

Principal  
Office of the Principal  
Belize Technical College Sixth Form  
P.O.Box 366, Freetown Road, Belize City  
Belize

Dear Principal:

My recent correspondence with Professor Donald E. Knuth tells me that I need to ask your school's opinion about my research in Computer Science. I have attached our correspondence so that your Science and Engineering faculties may criticize and evaluate my ideas. For further investigation on my research, please 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 most recent publication, "The Theory of Massive Cross-Referencing," has appeared in *The Proceedings of the Eighth International Conference on Software Engineering and Knowledge Engineering*. You will also find it in Volume 10 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.

Please convey this letter to your school's Computer Science/Engineering faculties, Board of Trustees, Provost, Secretary-General, International Relations, Registrar, or anyone else whom it may concern. I openly invite any challenge from your academic community to criticize my work. If your school reaches any conclusions disputing my findings, please provide your opinion to Professor Knuth or me. Thank you for your time.

Sincerely,



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  
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February 4, 1997

Minister of Education  
Ministry of Education, Belmopan  
Belize

Dear Minister:

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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,



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

President  
Belize National Commission for Unesco  
Ministry of Education, Belmopan  
Belize

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