

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

**VOLUME TWELVE, SECTION 85**

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

King Albert II  
Office of the King  
Rue de Brederode  
Royal Palace  
B-1000 Brussels  
Belgium

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

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I openly invite any effort from academic communities to scrutinize my work. If Belgium 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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705-22 Yuksam-dong, Kangnam-gu  
Seoul 135-080  
Republic of Korea  
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February 4, 1997

Prime Minister  
Office of Prime Minister  
16 rue de la Loi  
B-1000 Brussels  
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# **Belgium**

(25 schools)

Free University of Brussels	Institute of Industrial Engineering of the French Community Brussels
Free University of Brussels	Meurice Institute Brussels
State University of Ghent	State Polytechnic B.M.E. Ghent
State University of Liège	Institute of Industrial Engineering Liège
Catholic University of Louvain	School of Commercial Studies Liège
Catholic University Faculty of Mons	Limburg Catholic Institute of Industrial Engineering
Polytechnical Faculty of Mons	Malines Municipal College of Industrial Engineering Mechelen
University Faculties Notre-Dame de la Paix Namur	Hainaut Catholic Institute of Industrial Engineering Mons
Antwerp Municipal College of Industrial Engineering	State Institute of Industrial Engineering Mons
Catholic College of Industrial Engineering Antwerp	West Flanders Catholic College of Industrial Engineering Ostende
University Institute of Antwerp	Luxembourg Catholic Institute of Industrial Engineering Virton
Catholic Institute of Commercial Studies Brussels	
Central School of 'Arts et Métiers' Brussels	
College of Industrial Engineering Brussels	

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February 4, 1997

Recteur  
Office of the Recteur  
Free University of Brussels  
Avenue Franklin D. Roosevelt 50  
1050 Bruxelles  
Belgium

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

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Rector  
Office of the Rector  
Free University of Brussels  
Campus Oefenplein Pleinlaan 2, 1050 Brussel  
Belgium

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(to be filled with more letters)

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February 4, 1997

Directeur  
Office of the Directeur  
Luxembourg Catholic Institute of  
Industrial Engineering Virton  
Arts et Métiers, Rue de Pierrard 112, 6760 Virton  
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February 4, 1997

Directeur général  
Ministry of Education, Research and Training  
Cité Administrative de l'Etat  
Quartier Arcades-D 6<sup>e</sup> étage  
boulevard Pachéco 19 bte 0, 1010 Bruxelles  
Belgium

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Directeur-general  
Ministry for the Flemish Community  
Département Onderwijs Administratie Hoger  
Onderwijs en Wetenschappelijk Onderzoek  
Koningstraat 136, 1000 Brussel  
Belgium

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February 4, 1997

Chairman  
Flemish Interuniversity Council  
Egmonstraat 5, 1050 Brussel  
Belgium

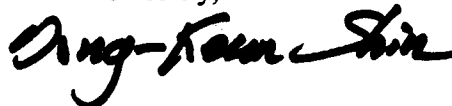
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Foundation Francqui  
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February 4, 1997

Chairman  
Interuniversity Council of the French Community  
Rue d'Egmont 5, 1050 Bruxelles  
Belgium

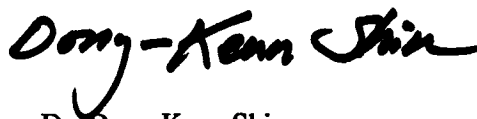
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February 4, 1997

Secrétaire générale  
The National Fund for Scientific Research  
Rue Egmont 5, 1050 Bruxelles  
Belgium

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Secrétaire général  
Belgian National Commission for Unesco  
Ministère des Affaires étrangères, Rue Quatre  
Bras 2, 1000 Bruxelles  
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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.