

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

VOLUME EIGHTEEN, SECTION 156

**Copy of the Letters Which Were Sent to Academic Communities
in Latvia 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 Guntis Ulmanis
Office of the President
Jekaba Street 11
226811 Riga
Latvia

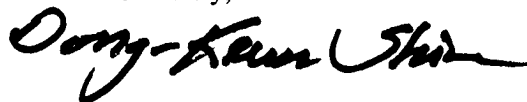
Dear President:

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 Latvia may criticize and evaluate my ideas. I am also sending my letter and correspondence to presidents (or equivalent ones) of universities and colleges in Latvia 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 Latvia 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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February 4, 1997

Prime Minister
Office of the Prime Minister
Government Offices
36 Brivbas Blvd
226170 Riga
Latvia

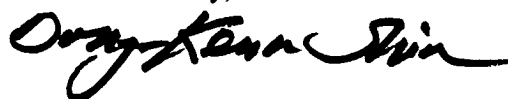
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Dr. Dong-Keun Shin

Latvia

(3 schools)

Academy of Agriculture
Riga Technical University

Institute of Civil Aviation

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705-22 Yuksam-dong, Kangnam-gu
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Republic of Korea
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February 4, 1997

Rector
Office of the Rector
Academy of Agriculture
Liela iela 2, 3001 Jelgava
Latvia

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

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Seoul 135-080
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Office of the Rector
Riga Technical University
Kalku iela 1, 1055 Riga
Latvia

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Institute of Civil Aviation
Lomonosova iela 1, 1019 Riga
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Ministry of Education, Culture and Science
Valnu iela 2, 1098 Riga
Latvia

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Latvia National Commission for Unesco
Pils Iaukums 4-415, 1804 Riga
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