

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

VOLUME TWENTY-ONE, SECTION 200

**Copy of the Letters Which Were Sent to Academic Communities
in Portugal 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 Jorge Sampaio
Office of the President
Palácio de Belém
P-1300 Lisbon
Portugal

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

A handwritten signature in black ink, appearing to read 'Dong-Keun Shin', with a stylized, cursive script.

Dr. Dong-Keun Shin

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February 4, 1997

Prime Minister
Office of the Prime Minister
Rua Professor Gomes Teixeira
P-1300 Lisbon 3
Portugal

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Dr. Dong-Keun Shin

Portugal

(20 schools)

University of Algarve	Instituto Politécnico de Leiria
University of Aveiro	Instituto Politécnico de Lisboa
University of the Azores	Instituto Politécnico de Portalegre
University of 'Beira Interior'	Instituto Politécnico de Santarém
New University of Lisbon	Instituto Politécnico de Setúbal
University of Madeira	Instituto Politécnico de Viana do Castelo
University of Minho	Instituto Politécnico de Viseu
University of Porto	Instituto Politécnico do Coimbra
University of Trás-os-Montes e Alto Douro	Instituto Politécnico do Porto
University 'Portucalense Infante D. Henrique' Porto	Instituto Superior de Humanidades e Tecnologias

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705-22 Yuksam-dong, Kangnam-gu
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February 4, 1997

Reitor
Office of the Reitor
University of Algarve
Estrada da Penha Cruz 26, 8000 Faro
Portugal

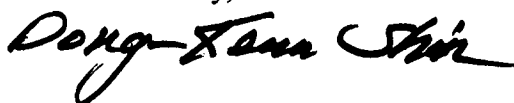
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Please convey this letter to your school's Computer Science/Engineering faculties, Board of Trustees, Provost, Secretary-General, International Relations, Registrar, or anyone else whom it may concern. I openly invite any challenge from your academic 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.

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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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705-22 Yuksam-dong, Kangnam-gu
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Office of the Reitor
University of Aveiro
Rua Dr. Mário Sacramento, 62, 3800 Aveiro
Portugal

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(to be filled with more letters)

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Office of the President
Instituto Superior de Humanidades e
Tecnologias
Largo do Leao 9/10, 1000 Lisboa
Portugal

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Minister of Education
Ministry of Education
Avenida 5 de Outubro 107, 1051 Lisboa Codex
Portugal

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Chairman
The Portuguese Conference of Rectors
Largo do Paço, 4710 Braga Codes
Portugal

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Portuguese National Commission for
Unesco
Ministry of Foreign Affairs
Avenida Infante Santo 42, 1300 Lisboa
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