

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

VOLUME TWENTY-ONE, SECTION 214

**Copy of the Letters Which Were Sent to Academic Communities
in South Africa 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 Nelson Mandela
Office of the President
Bryntirion
P.O. Box X80
0002 Pretoria
South Africa

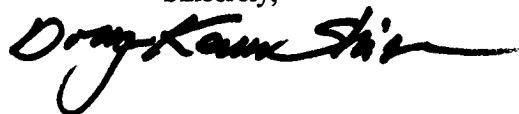
Dear President:

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

Dr. Dong-Keun Shin

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Hwa Shin Building
705-22 Yuksam-dong, Kangnam-gu
Seoul 135-080
Republic of Korea
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Prime Minister
Office of the Prime Minister
Bryntirion
0002 Pretoria
South Africa

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Dr. Dong-Keun Shin

South Africa

(24 schools)

University of Cape Town
University of Durban-Westville
University of Fort Hare
University of Natal King George V
Potchefstroom University for
Christian Higher Education
University of Pretoria
Rand Afrikaans University
University of South Africa + Universiteit van
Suid-Afrika
University of Stellenbosch
University of Transkei + Universiteit van
Transkei
University of Venda
Vista University

University of the Western Cape
+ Universiteit van Wes-Kaapland
University of the Witwatersrand
University of Zululand + Universiteit van
Zululand
Cape Technikon
Natal Technikon
Northern Transvaal Technikon
OFS Technikon
Peninsula Technikon
Port Elizabeth Technikon
University Way, Summerstrand
Pretoria Technikon
Vaal Triangle Technikon
Witwatersrand Technikon

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February 4, 1997

Vice-Chancellor
Office of the Vice-Chancellor
University of Cape Town
Private Bag, Rondebosch 7700
South Africa

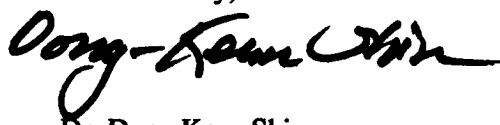
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Please convey this letter to your school's Computer Science/Engineering faculties, Board of Trustees, Provost, Secretary-General, International Relations, Registrar, or anyone else whom it may concern. I openly invite any challenge from your academic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

Sincerely,



Dr. Dong-Keun Shin

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

Building Management
Hwa Shin Building
705-22 Yuksam-dong, Kangnam-gu
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Republic of Korea
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Vice-Chancellor
Office of the Vice-Chancellor
University of Durban-Westville
Private Bag X64001, Durban 4001
South Africa

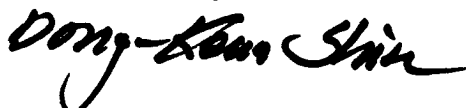
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(to be filled with more letters)

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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

Rector
Office of the Rector
Witwatersrand Technikon
P.O. Box 17011, Doornfontein 2028
South Africa

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

Director
Human Sciences Research Council
Private Bag X270
Pretoria 0001
South Africa

Dear Director:

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February 4, 1997

Chairman
Committee of University Principals
P.O. Box 27392
Sunnyside 0132
South Africa

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February 4, 1997

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Committee of Technikon Principals
Private Bag X680
Pretoria 0001
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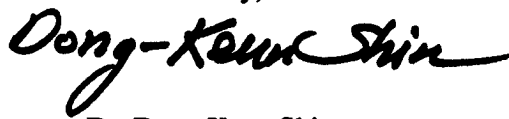
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President
Foundation for Research and Development
P.O. Box 2600
Pretoria 0001
South Africa

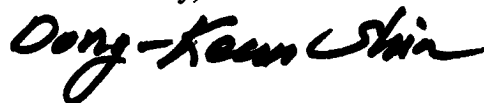
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President
Medical Research Council
P.O. Box 19070
Tygerberg 7505
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