

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

VOLUME THIRTEEN, SECTION 92

**Copy of the Letters Which Were Sent to Academic Communities
in Brazil 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 Fernando H. Cardoso
Office of the President
Palácio do Planalto
Praça dos Três Poderes
70150-900 Brasília, DF
Brazil

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

Dr. Dong-Keun Shin

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Hwa Shin Building
705-22 Yuksam-dong, Kangnam-gu
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Prime Minister
Office of the Prime Minister
Palácio do Planalto
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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

Brazil

(84 schools)

State University of Campinas	Centro de Tecnologia da Industria e Construção
Federal University of Espírito Santo	Centro Federal de Educação Tecnológica de Minas Gerais
Federal University of Fluminense	Centro Federal de Educação Tecnológica do Paraná
Federal University of Goiás	Escola de Engenharia de Piracicaba
Federal University of Juiz de Fora	Escola Federal de Engenharia de Itajubá
State University of Maranhão	Faculdade de Engenharia Civil de Passos
Federal University of Minas Gerais	Faculdade de Engenharia de Poços de Caldas
Federal University of Paraná	Escola de Engenharia de Lins
State University of Piauí	Escola de Engenharia de Vassouras
State University of Ponta Grossa	Escola de Engenharia de Volta Redonda
Federal University of Rio Grande do Sul	Escola de Engenharia Industrial de São Jose dos Campos
Federal University of Rio de Janeiro	Escola de Engenharia Kennedy
Santa Catarina State University	Escola de Engenharia Mauá
State University Paulista 'Julio de Mesquita Filho' São Paulo	Escola Superior de Tecnologia de Criciúma
University of São Paulo	Faculdade Alvorada de Informática e Processamento de Dados
Saint Francis University Bragança Paulista	Faculdade Anglo-Americana do Rio de Janeiro
Pontifical Catholic University of Campinas	Faculdade Capixaba de Informática
University of Caxias do Sul	Faculdade Carioca de Informática
Catholic University of Goiás	Faculdade de Ciências Aplicadas Sagrado Coração
University of Guarulhos	Faculdade de Ciências Aplicadas São José dos Campos
University Braz Cubas Mogi das Cruzes	Faculdade de Ciências de Computação Cristo Rei
University of Mogi das Cruzes	Faculdade de Ciências e Informática
University 'Oeste Paulista' of Presidente Prudente	Faculdade de Engenharia Civil de Itajuba
Gama Filho University Rio de Janeiro	Faculdade de Engenharia da Fumec
University Santa Úrsula Rio de Janeiro	Faculdade de Engenharia da Fundação 'Armando Alvares Penteado'
Catholic University of Salvador	
University of South Santa Catarina	
University 'Santa Cecília dos Bandeirantes' Santos	
Mackenzie University São Paulo	
Centro de Educação Técnica da Utramig	
Centro Federal de Educação Tecnológica da Bahia	

**Faculdade de Engenharia de Agrimensura
de Araraquara**

**Faculdade de Engenharia de Agrimensura
de Pirassununga**

Faculdade de Engenharia de Barra Pirai

Faculdade de Engenharia de Barretos

Faculdade de Engenharia de Itaúna

**Faculdade de Engenharia de São José do
Rio Preto**

Faculdade de Engenharia de Sorocaba

Faculdade de Engenharia de Varginha

Faculdade de Engenharia Industrial

Faculdade de Engenharia São Paulo

Faculdade de Engenharia Souza Marquês

Faculdade de Informática Cruzeiro do Sul

Faculdade de Informática de Lins

Faculdade de Informática de Londrina

Faculdade de Informática de Osasco

Faculdade de Informática de Rio de Janeiro

Faculdade de Informática do Paraná

Faculdade de Informática Maria Thereza

Faculdade de Tecnologia em

Processamento de Dados de Pinhal

Faculdade Leonardo da Vinci

**Faculdade Rui Barbosa de Tecnologia e
Processamento de Dados**

**Faculdade Salvador de Processamento
de Dados**

Faculdades Integradas de Jacarepagua

Faculdades Reunidas Nuño Lisboa

Instituto de Ciências Exactas de Americana

Instituto Nacional de Telecomunicações

**Instituto Superior de Ensino e Pesquisa de
Ituiutaba**

**Instituto Unificado de Ensino Superior
Objetivo**

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

Reitor
Office of the Reitor
State University of Campinas
Cidade Universitária 'Zeferino Vaz'
Caixa Postal 1170, 13081-970 Campinas
Brazil

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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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February 4, 1997

Reitor
Office of the Reitor
Federal University of Espirito Santo
Campus 'Dr. Alaor de Queiroz Araújo', Avenida
Fernando Ferrari s/n, 29060-900 Vitória
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(to be filled with more letters)

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President
Office of the President
Instituto Unificado de Ensino Superior Objetivo
Avenida Emilia Tavares 1993
74610 Goiania, GO
Brazil

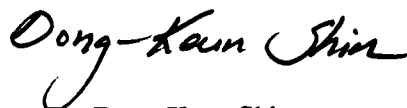
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February 4, 1997

Minister of Education and Sports
Ministry of Education and Sports
Esplanade dos Ministerios-Bloc'L', Brasília, DF
Brazil

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Council of Brazilian University Rectors
SEP/Norte Quadra-516 Lote-09, 70770 Brasilia
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February 4, 1997

Chairperson
Coordination Office for the Development of
Higher Education Personnel
Ministério de Educação, Anexo 1
70070 Brasília, DF
Brazil

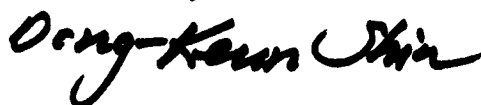
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Republic of Korea
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February 4, 1997

Chairman
Brazilian Institute for Education, Science and
Culture (Unesco)
Palácio Itamarati, 196 Avenida Marechal
Floriano, 20080 Rio de Janeiro, RJ
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