# A Collection of Research Processes for Genealogy and Proofs

## **VOLUME SIXTEEN, SECTION 127**

Copy of the Letters Which Were Sent to Academic Communities in Germany 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.

February 4, 1997

Federal President Roman Herzog Office of the Federal President Kaiser-Friedrich-Str. 16 D-53113 Bonn Germany

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

February 4, 1997

Federal Chancellor Helmut Kohl Office of the Fedral Chancellor Adenauerallee 139-141 D-5300 Bonn 1 Germany

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## Germany

(94 schools)

Distance Teaching University of Hagen Rhenish-Westphalian Technical University of Martin Luther University of Aachen University of Augsburg Halle-Wittenberg Technical University of Hamburg-Harburg University of Bamberg University of the Federal Armed Forces of University of Bayreuth Free University of Berlin Hamburg University of Hamburg Humboldt University Berlin Technical University of Berlin University of Hanover University of Bielefeld University College of Education of University of the Ruhr, Bochum Heidelberg Rhenish Friedrich-Wilhelm University of University of Hildesheim Technical University of Ilmenau Bonn University of Bremen Friedrich Schiller University of Jena Carolo-Wilhelmina Technical University of University of Kaiserslautern Brunswick University of Karlsruhe Technical University of Chemnitz University of Kassel Christian Albrecht University of Kiel Technical University of Clausthal University of Koblenz-Landau of Mainz University of Cologne University of Constance University of Leipzig Technical University of Darmstadt Otto-von-Guerick University of Magdeburg University of Dortmund Johannes Gutenberg University of Mainz Technical University of Dresden University of Mannheim University of Duisburg Technical University of Munich University of the Federal Armed Forces Heinrich-Heine-University of Düsseldorf Catholic University of Eichstätt Munich College of Education of Erfurt/Mühlhausen Ludwig-Maximilians-University of Munich University of Münster Friedrich Alexander University of Carl von Ossietzky University of Oldenburg Erlangen-Nuremberg University of Essen University of Osnabrück Johann Wolfgang Goethe University of University of Paderborn Frankfurt University of Passau University of Rostock Freiberg Mining Academy University of the Saar Albert Ludwig University of Freiburg im University of Education of Schwäbisch Breisgau Justus Liebig University of Giessen Gmünd

Ernst Moritz Arndt University of Greifswald

University of Siegen

University of Stuttgart Fachhochschule Leipzig der Deutschen University of Trier **Bundespost Telekom** Hochschule für Technik, Wirtschaft und Eberhard Karl University of Tübingen Kultur Leipzig (FH) University of Ulm University of Architecture and Building of Fachhochschule für Technik Mannheim Weimar Hochschule für Technik und Wirtschaft Mittweida University of Wuppertal Bayerische Julius-Maximilians University of Hochschule für Fernsehen und Film Würzburg München Deutsche Bundepost Telekom European Business School of Fachhochschule Berlin Oestrich-Winkel Europäische Wirtschaftshochshule Berlin Fachhochschule Pforzheim-Hochschule für Fachhochschule für Technik und Wirtschaft Gestaltung, Technik and Wirtschaft Fachhochschule für Technik und Wirtschaft Berlin Reutlingen Deutsche Bundepost Telekom Fachhochschule Dieburg Hochschule für Technik und Wirtschaft des Hochschule für Technik und Wirtschaft Saarlandes Dresden Fachhochschule für Bibliothekswesen Fachhochschule für Technik Esslingen Stuttgart Fachhochschule Westküste Heide Fachhochschule für technik Stuttgart Gustav-Siewerth-Akademie, Staatlich Fachhochschule Jena-Hochschule für Technik und Wirtschaft anerkannte wissenschaftliche Fachhochschule Kempten-Hochschule für Hochschule Weilheim Technik und Wirtschaft Technische Fachochschule Wildau Hochschule für Technik, Wirtschaft und Fachhochschule für Bibliotheks-und Dokumentationswesen in Köln Sozialwesen Zittau-Görlitz Hochschule für Technik und Wirtschaft Fachhochschule Landshut-Hochschule für Wirtschaft-Sozialwesen-Technik Zwickau

February 4, 1997

Rektor
Office of the Rektor
Rhenish-Westphalian Technical University of
Aachen
Templergraben 55, 52052 Aachen
Germany

#### Dear Rektor:

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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.

Dong-Koun Shir

Dr. Dong-Keun Shin

February 4, 1997

Rektor Office of the Rektor University of Augsburg Universitätsstrasse 2, 86159 Augsburg Germany

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Sincerely,

Dr. Dong-Keun Shin

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(to be filled with more letters)

February 4, 1997

Rektor
Office of the Rektor
Hochschule für Technik und Wirtschaft
Zwickau
Dr.-Friedrichs-Ring 2A, 08056 Zwickau
Germany

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Dong - Kown Shin

February 4, 1997

Chairperson Federal Ministry for Education and Science Heinemannstrasse 2, 53175 Bonn Germany

### Dear Chairperson:

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Dog-Kom Skin

Dr. Dong-Keun Shin

February 4, 1997

Secretary-General
Standing Conference of the Ministers of
Education and Cultural Affairs in
the Federal Republic of Germany
Nassestrasse 8, 53113 Bonn
Germany

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Sincerely,

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Dr. Dong-Keun Shin

February 4, 1997

President
Conference of Rectors and Presidents of
Universities
Ahrstrasse 39, 53175 Bonn
Germany

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Sincerely,

Ory-Keen Shir

Dr. Dong-Keun Shin

February 4, 1997

Chairperson
Federal Government-Länder Commission for
Educational Planning and Research Promotion
Friedrich-Ebert-Allee 39, 53113 Bonn
Germany

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Ong-Ken Shir

Dr. Dong-Keun Shin

February 4, 1997

President Alexander-von-Humboldt Foundation Fondation Alexander-von-Humboldt Jean-Paul-Strasse 12, 53173 Bonn Germany

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Dr. Dong-Keun Shin

February 4, 1997

President
Donors' Association for the Promotion of
Science and Humanities
Barkhovenallee 1, 45239 Essen-Bredeney
Germany

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President German Academic Exchange Service/Office allemand d'échanges Universitaires Kennedyallee 50, 53175 Bonn Germany

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Dr. Dong-Keun Shin

February 4, 1997

Director-General
German Foundation of International
Development/Fondation allemande pour Ie
Développement international
Hans-Böckler-Strasse 5, 53225 Bonn
Germany

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Org-Keun Shin

February 4, 1997

President German National Scholarship Foundation Mirbachstrasse 7, 53175 Bonn Germany

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President German Research Community Kennedyallee 40, 5300 Bonn 2 Germany

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Dong-Kean Stin\_

Dr. Dong-Keun Shin

February 4, 1997

Chairperson Higher Education Information System Ltd. Goseriede 9, 30159 Hannover Germany

### Dear Chairperson:

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Sincerely,

Oorg-Keen Shin Dr. Dong-Keun Shin

February 4, 1997

President

Max Planck Society for
the Advancement of Science

Residenzstrasse 1A, Postfach 647, 80333

München

Germany

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Dong-Kaun Thin

Dr. Dong-Keun Shin

February 4, 1997

President Science Council Brohler Strasse 11, 50968 Köln Germany

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