# A Collection of Research Processes for Genealogy and Proofs

## **VOLUME THIRTEEN, SECTION 102**

# Copy of the Letters Which Were Sent to Academic Communities in Chile 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

President Eduardo Frei Ruiz-Tagle Office of the President Palacio de la Moneda Santiago Chile

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

Prime Minister
Office of the Prime Minister
Palacio de la Moneda
Santiago
Chile

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Sincerely,

Ory-Kam Shin

Dr. Dong-Keun Shin

## Chile

## (21 schools)

Catholic University of the North
Antofagasta
University of Antofagasta
University of Atacama
University of Bío Bío
Southern University of Chile
University of Concepción
University 'Arturo Prat' Iquique
La Serena University
University of Magallanes
University of Santiago de Chile
University of Tarapacá

Frontier University Temuco
Catholic University of Valparaíso
Technical university 'Federico Santa María'
Valparaíso
University 'Leonard Da Vinci' Rancagua
Mayor University Santiago
National University Andres Bello Santiago
University of Computer Sciences Santiago
University of the Sea Viña del Mar
University of Viña del Mar
Instituto Profesional de Computación

February 4, 1997

Rector, Office of the Rector
Catholic University of the North
Antofagasta
Avenida Angamos 0610, Apartado postal 23
Antofagasta
Chile

#### Dear Rector:

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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-Keur Shin\_

Dr. Dong-Keun Shin

February 4, 1997

Rector Office of the Rector University of Antofagasta Antonio Angamos 601, Antofagasta Chile

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Sincerely,

Dong-Koun Chin

(to be filled with more letters)

February 4, 1997

President
Office of the President
Instituto Profesional de Computación
Almirante Barroso 37, Santiago
Chile

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Sincerely,

Oong-Keun Shin

Dr. Dong-Keun Shin

February 4, 1997

Ministro Ministry of Education Avenida el Libertador Bernardo O'Higgins Santiago Chile

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Dong-Koun Shin

February 4, 1997

Chairperson Consejo de Rectores Universidades Chilenas Alameda 1371, 48 piso, Casilla 14798, Santiago Chile

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Oong-Kause Sah

Dr. Dong-Keun Shin

February 4, 1997

Chairperson Council of Private Professional Institutes Avenida Ricardo Lyon 891, Santiago Chile

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Dr. Dong-Keun Shin

February 4, 1997

Presidente Chilean National Commission for Unesco Oficina de Relaciones Internacionales, Ministerio de Educación Pública, Avenida Libertador Bernardo O'Higgins 1371, Santiago Chile

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Ong-Kan Shin

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