

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

VOLUME TWENTY, SECTION 187

**Copy of the Letters Which Were Sent to Academic Communities
in Nicaragua 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 Violeta Chamorro
Office of the President
Casa de Gobierno, Av. Aug.C. Sandino
P.O. Box 2398
Managua
Nicaragua

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 Nicaragua may criticize and evaluate my ideas. I am also sending my letter and correspondence to presidents (or equivalent ones) of universities and colleges in Nicaragua 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 Nicaragua 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', written in a cursive, flowing style.

Dr. Dong-Keun Shin

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February 4, 1997

Prime Minister
Office of the Prime Minister
Casa de la Presidencia
Managua
Nicaragua

Dear Prime Minister:

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Dr. Dong-Keun Shin

Nicaragua

(6 schools)

National University of Engineering Managua

**National Autonomous University of
Nicaragua**

**Instituto Nacional Técnico ‘Heroes y
Mártires’**

Instituto Tecnológico Nacional

**Instituto Tecnológico Nacional ‘Cristóbal
Colón**

Central American University Managua

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February 4, 1997

Rector
Office of the Rector
National University of Engineering Managua
Apartado postal 5595, Managua
Nicaragua

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.

Sincerely,



Dr. Dong-Keun Shin

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

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Office of the Rector
National Autonomous University of
Nicaragua
León
Nicaragua

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(to be filled with more letters)

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Central American University Managua
Apartado postal 69, Managua
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February 4, 1997

Minister of Education
Ministry of Education
Managua
Nicaragua

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I hope every computer scientist in your country knows about the correspondence and my work. If your country reaches any conclusions disputing my findings, please provide your opinion to Professor Knuth or me. If what I claim is valid, please support me to lead computer science academia and continue being communicative. I need an official endorsement from your country's ministry of education or an equivalent. Thank you for your time. I look forward to hearing from you.

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Dr. Dong-Keun Shin

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February 4, 1997

Chairperson
Nicaraguan Association of Institutions of
Higher Education
Universidad Nacional Autónoma de Nicaragua
León
Nicaragua

Dear Chairperson:

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Republic of Korea
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February 4, 1997

President
Nicaragua National Commission for Unesco
Ministerio de Educación
Centro Cívico y Camilo, Ortega Saavedraa
Managua
Nicaragua

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Sincerely,

A handwritten signature in black ink that reads "Dong-Keun Shin". The signature is fluid and cursive, with the first name "Dong" and last name "Shin" clearly legible.

Dr. Dong-Keun Shin

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