



# Florentin Smarandache HIS LIFE&ACTIVITY, IMPICTURED

Editor: prof. Dan Florin Lazăr





# Notice

This is a photoalbum of life sequences impicturing different scientific and cultural activities and performances of Prof. Dr. Florentin Smarandache, professor of mathematics at the University of New Mexico.

Editor: prof. Dan Florin Lazăr

ISBN: 978-1-59973-663-1

Music: Smells Like Summer (Original Mix)

by Del <https://soundcloud.com/del-sound>

Creative Commons — Attribution-ShareAlike 3.0 Unported— CC BY-SA 3.0



## Peer Reviewers

---

Prof. Dr. **Angelo de Oliveira**, Ciencia da Computacao, Universidade Federal de Rondonia, Porto Velho - Rondonia, Brazil

Dr. **Said Broumi**, Laboratory of Information Processing, Faculty of Science Ben M'Sik, University of Hassan II, Casablanca, Morocco

Dr. **Mohamed Abdel-Baset**, Head of Department of Computer Science, Faculty of Computers and Informatics, Zagazig University, Egypt



Kalendarum Publishing House  
Onestilor str.  
Oradea, Romania



# Florentin Smarandache

## HIS LIFE&ACTIVITY, IMPICTURED

---

youth



1990



# Timeline



1991



1993



1992





1994



1996



1995





1997



1999



1998





2000



2002



2001





2003



2005



2004





2006



2008



2007





2009



2011



2010





2012



2013



2014





2015



2017



2016





2018



2020



2019







youth



Maria Mitroescu (Marioara) and  
Gheorghe Smarandache (Bibi)  
wedding

Florentin Smarandache's parents'

Bălcești, Vâlcea district, Romania, 1953







Florentin Smarandache's  
parents in their youth





One year old, with his aunt  
Leontina Stuparu

1955





3 years old,  
with parents



At age 5, with parents Maria and Gheorghe

Bălcești, Vâlcea district, Romania, 1960







21

At age 7, with parents

Eforie, Romania, 1962



22

At age 8

Bucegi Mountains, Romania, 1962







At age 8

Peleş Castle, Romania, 1962



At age 10

Polovragi, Romania, 1964

24







Florentin Smarandache is the third from the right-hand side on the first row, sitting down





26

Bălcești student camp (4th grade student), 1964  
Florentin Smarandache is the fourth from the left, second row





At age 10, in Bălcești, Romania



With childhood friends Chesa and Dâmbi,  
4th grade students

Bălcești, Romania, 1965







Playing the accordion

Bălcești, Romania, 1967





Bălcești, Romania, 1967





Standing up, 3rd from the left, Pedagogical High School in Craiova, Romania, 1970





Highschool student  
Rm. Vâlcea, Romania





Student at the University of Craiova, 1975





34

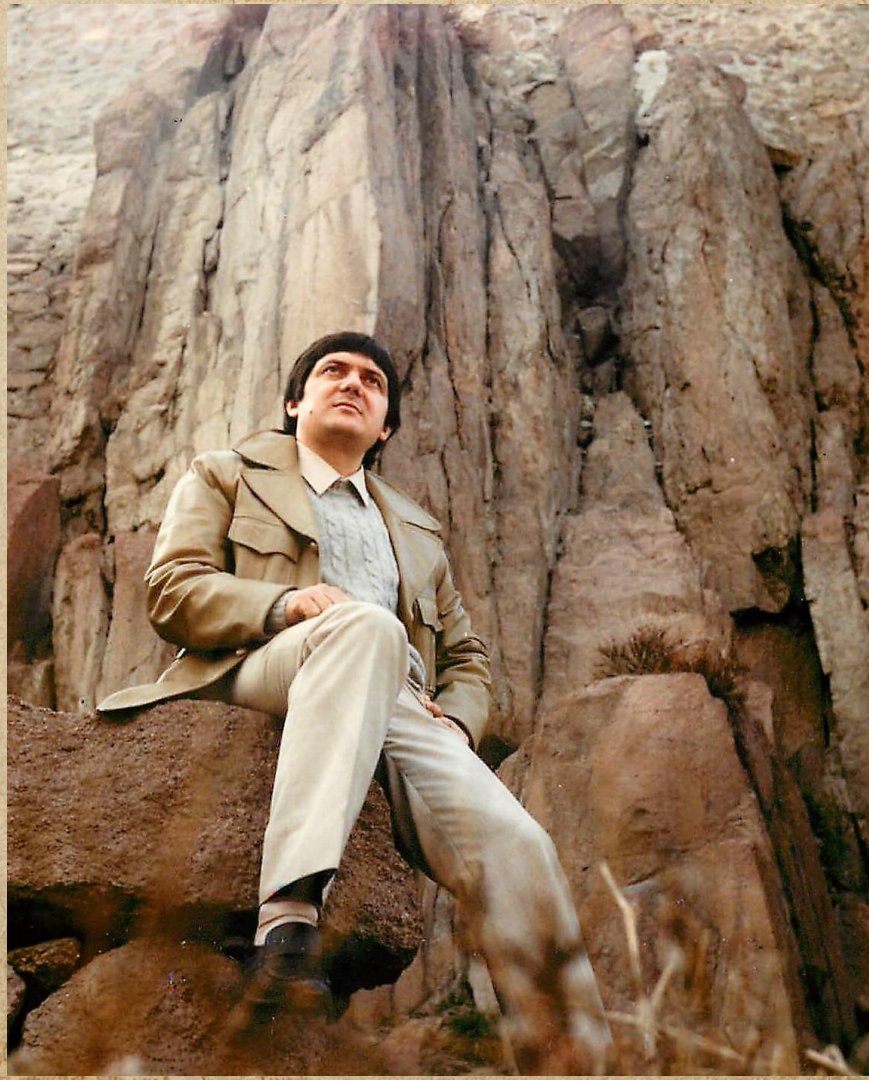
Student at the University of Craiova, 1979





1990





Under the citadel of Ankara.

Ankara, Turkey, February 1990



Prayer in Kizilay Park.

Ankara, Turkey, February 1990





Leaving Ankara behind.

Ankara, Turkey, February 1990

38





Seriously prepared for the new life.

Ankara, Turkey, February 1990





Walking towards... America!

Ankara, Turkey, February 1990





Ataturk Boulevard, Ankara, Turkey, February 1990

41







1991



Family reunited.

Sky Harbor Airport, Phoenix, USA,  
February 1991





44

Tucson, AZ, USA, 1991







Poetry & Emigration.

Conference at the Moorhead  
State University.

Moorhead, MN, USA, February 1991



Conference at the Moorhead State University.

With Teresinka Pereira, poet,  
Mary Johnson, professor of  
French literature, and students.

Moorhead, MN, USA, February 1991







Conference at the Moorhead State University.

Moorhead, MN, USA, February 1991



Conference at the Moorhead  
State University.

With Teresinka Pereira, poet



Moorhead, MN, USA, February 1991





Conference at the Moorhead State University.

Moorhead, MN, USA, February 1991





Conference at the Moorhead  
State University.

Moorhead, MN, USA, February 1991



Conference at the Moorhead State University.

Moorhead, MN, USA, February 1991







1992





With Paul Courget, poet, editor of *Les Annales de l'Académie des Arts et des Lettres* du Périgord, and Roger Cost, editor of *L'Esquiroi*, poetry journal.

Bordeaux, France, June 1992



54

With Jean Normand,  
teacher of mathematics.

Paris, France, June 1992

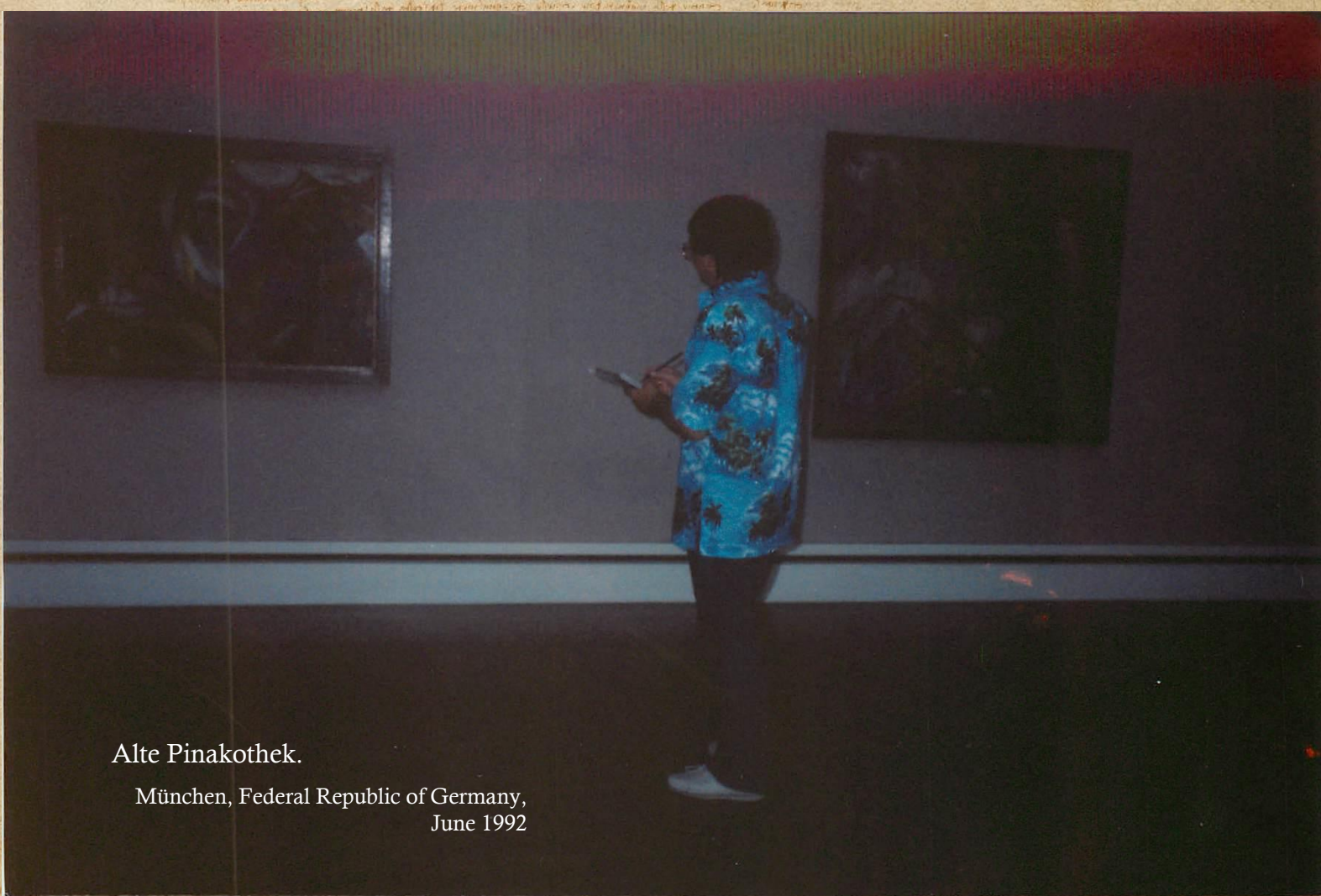






München, Federal Republic of Germany,  
June 1992





Alte Pinakothek.

München, Federal Republic of Germany,  
June 1992

56





57

München, Federal Republic of Germany,  
June 1992



München, Federal Republic of Germany,  
June 1992







59

With Tibi Carbojan,  
Romanian friend from  
the Turkish Political  
Refugee Camp.

Wien, Austria, June 1992



60



Imperial Palace backyard.

Wien, Austria, June 1992





Romanian-American Academy  
convention.

Florin Diacu (left), Florentin Smarandache  
(down), Constantin Corduneanu (right).

California State University, in Northridge,  
a neighborhood of Los Angeles, in the San  
Fernando Valley, California.

Northridge, CA, USA, June 1992



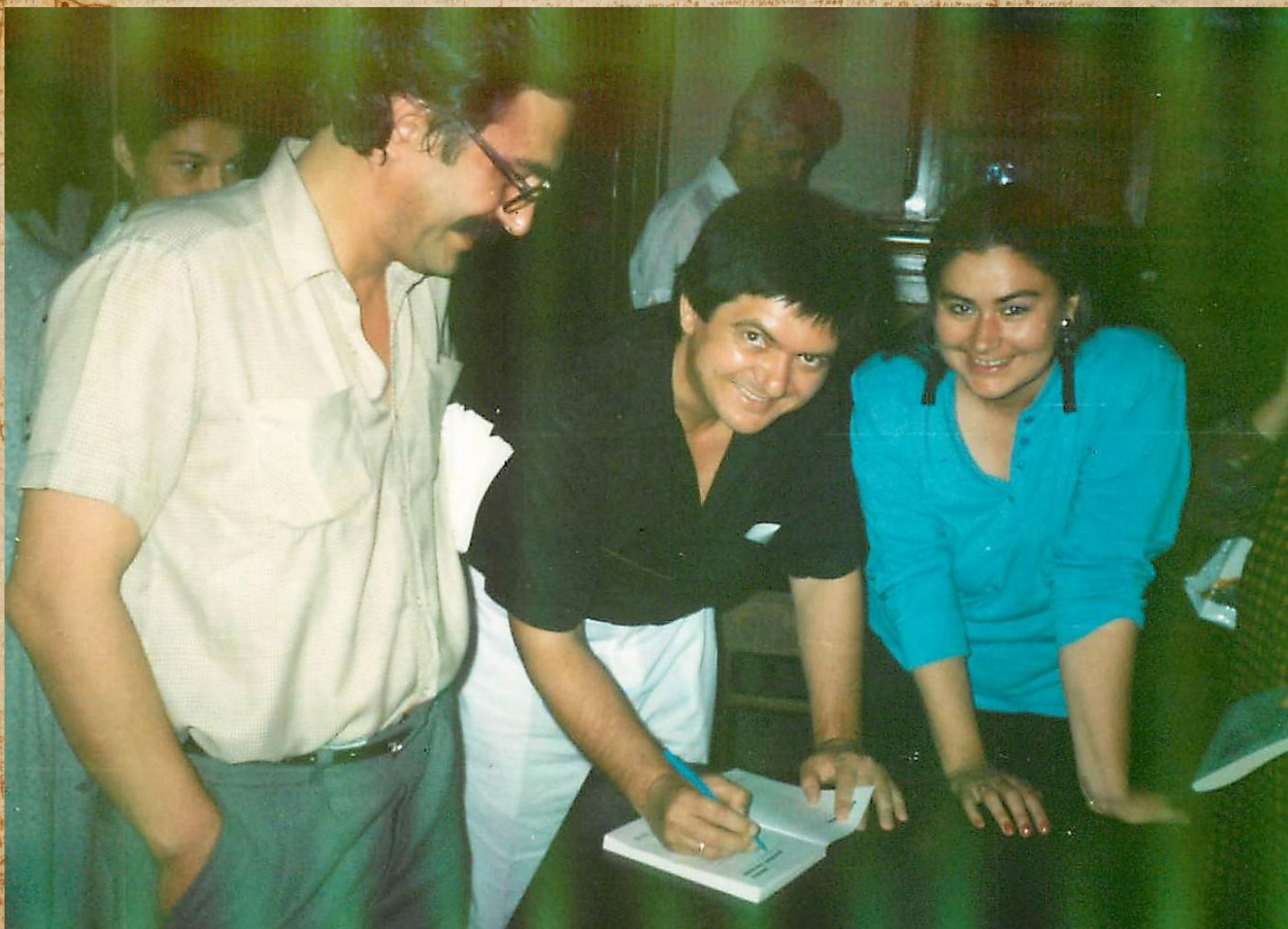
Signing a book contract with  
Aius Publishing House.

Nicolae Marinescu (left),  
Florentin Smarandache (middle),  
Ileana Petrescu (right).

Craiova, Romania, July 1992







Book launching.  
Dolj County Library

Craiova, Romania, July 1992





Book launching.  
Dolj County Library  
Craiova, Romania, July 1992





Nativization.

A Romanian-Indian wannabe.

Tucson area, USA, Summer 1992





1993

---



Brasília, Federative Republic of Brazil, June 1993

67



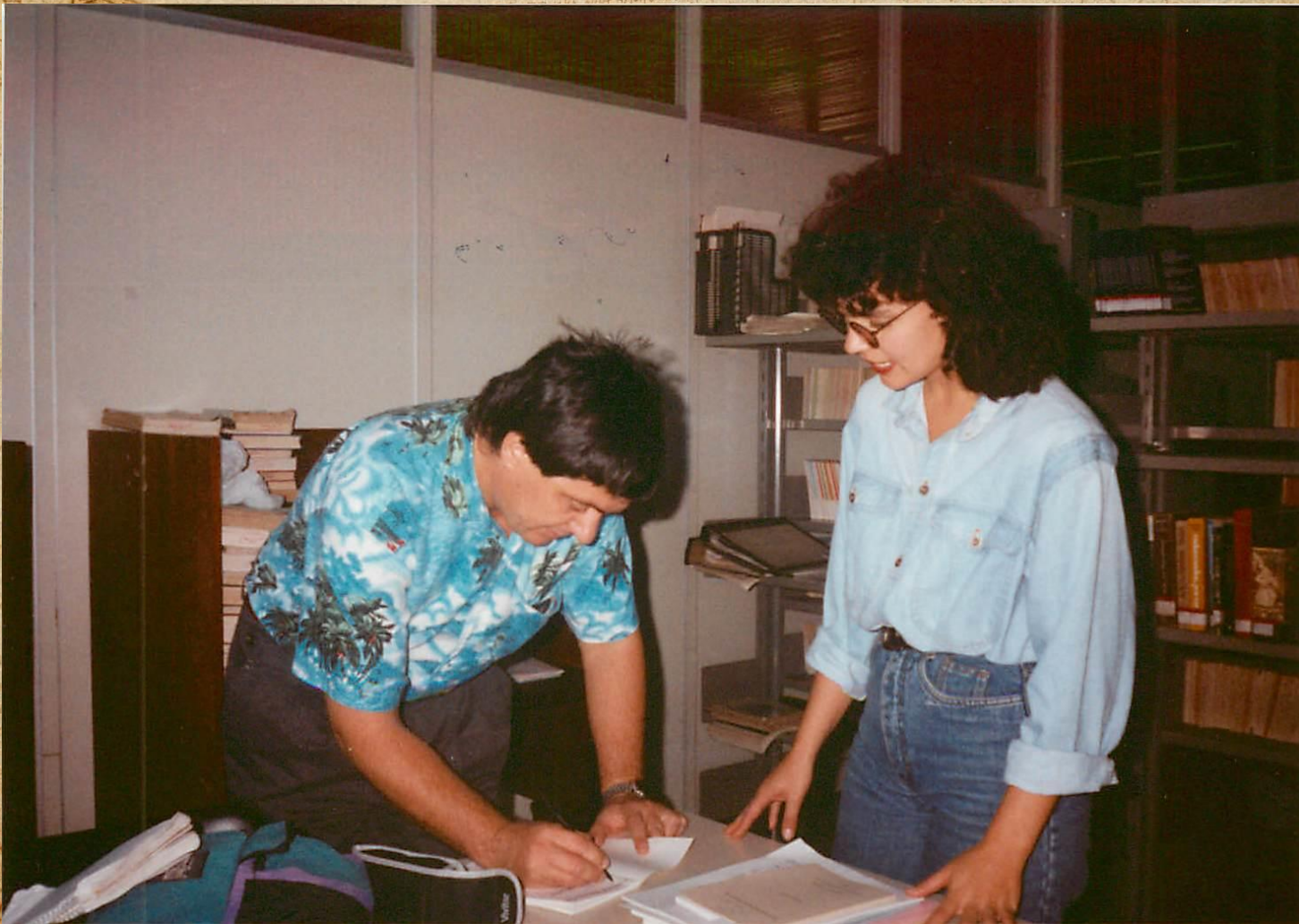


University of Florianópolis

Universidade Federal de Santa Catarina (UFSC)  
Florianópolis, Santa Catarina, Federative  
Republic of Brazil, June 1993







Library of the University  
of Florianópolis

Universidade Federal de Santa  
Catarina (UFSC)  
Florianópolis, Santa Catarina,  
Federative Republic of Brazil,  
June 1993



70

With Jose Mendoza Martins,  
Teresinka Pereira, and Widolf Bell.

Blumenal, Santa Catarina, Federative  
Republic of Brazil, June 1993



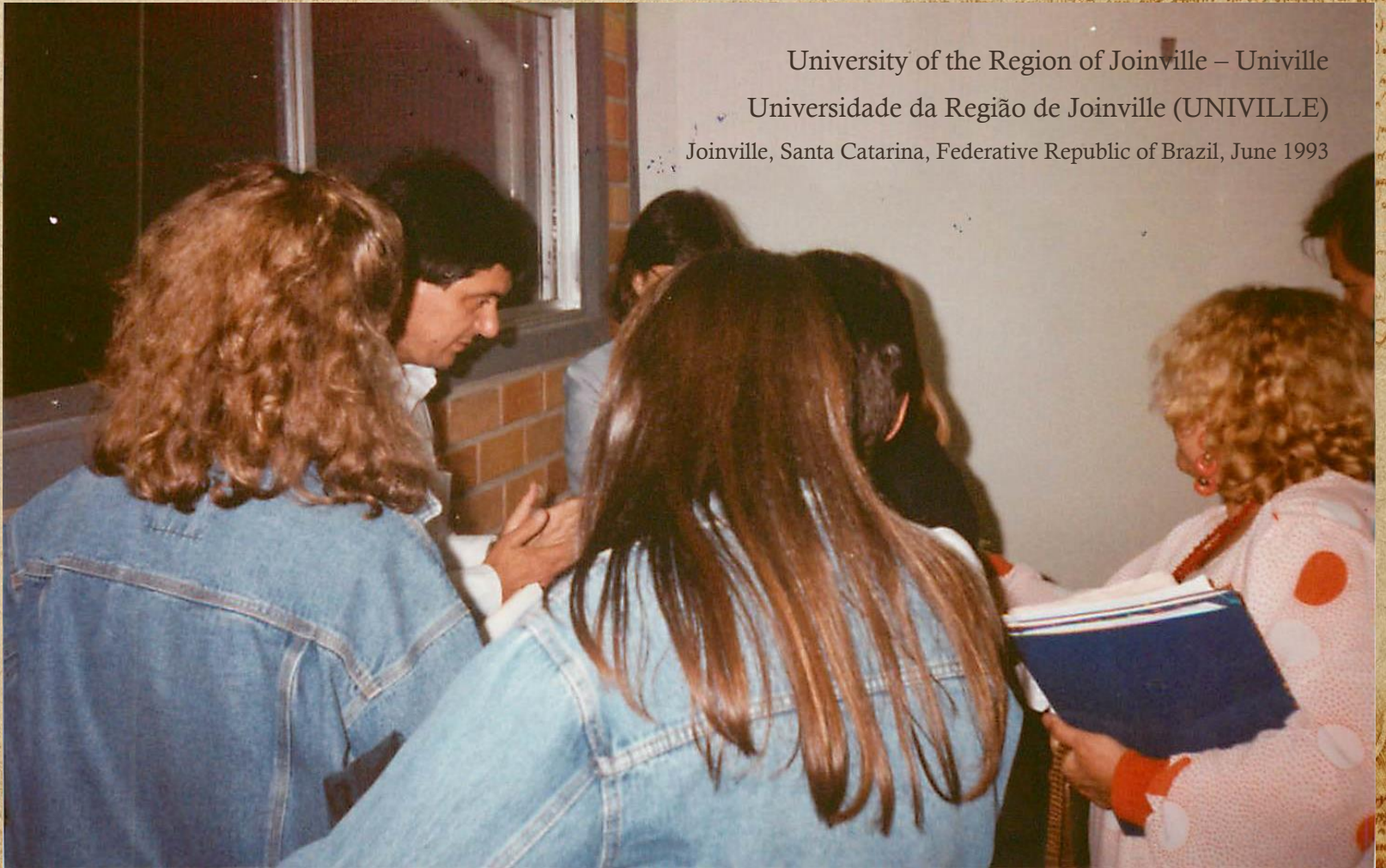




Regional University of Blumenau  
Blumenau, Santa Catarina, Federative Republic  
of Brazil, June 1993



University of the Region of Joinville – Univille  
Universidade da Região de Joinville (UNIVILLE)  
Joinville, Santa Catarina, Federative Republic of Brazil, June 1993





University of the Region of Joinville – Univille  
Universidade da Região de Joinville (UNIVILLE)  
Joinville, Santa Catarina, Federative Republic of Brazil, June 1993







74

Marin Iliescu, Romanian Ambassador in Brazil, his wife, and editor Victor Alegria.

Brasília, Federative Republic of Brazil, June 1993





75

Academia de Poetas João Pessoa

Paraíba, Federative Republic of Brazil, June 1993





Academia Feminina de Letras

Belo Horizonte, Minas Gerais, Federative Republic of Brazil, June 1993





With the mayor of Ouro Preto  
Ouro Preto (formerly Vila Rica), Minas Gerais,  
Federative Republic of Brazil, June 1993





Rio de Janeiro, Federative Republic of Brazil, June 1993





79

With the Romanian artists Nicolae Tănase and Cornel Gutui.

Phoenix, AZ, USA, October 1993



Banica Clan band.

Stefan Banica jr., Loredana Groza, Mioara Lincan, Cornel Gutui, Dan Spataru, Stefan Banica sr.

Florentin Smarandache, in the middle of the first row.

Phoenix, AZ, USA, October 1993

80







Florentin Smarandache (left)  
embracing Loredana Groza,  
famous Romanian singer (right).

Phoenix, AZ, USA, October 1993



With Ion Preteasa, Romanian  
orthodox clergyman.

Phoenix, AZ, USA, October 1993

82







A visit to a painter.

Florentin Smarandache (left),  
Ioan Nicoara (right), and his  
paintings on the wall.

Phoenix, AZ, USA, December 1993



Reading a poem.

In Ioan Nicoara's house.

Phoenix, AZ, USA,  
December 1993







Kristin Vandervoort's wedding.

Phoenix, AZ, USA, December 1993





1994

---





With Noel Abdulhad,  
my translator into Arabic.



Three friend families: Delperier  
(French), Vandevoort (American),  
Smarandache (Romanian).

June 1994







With friend Aurel Ciorna,  
before the USA – Romania  
soccer game.

Pasadena, CA, USA, June 1994



90

With painter Ioan Nicoară.

Glendale, CA, USA, August 1994







With Doina Pinte.

Glendale, CA, USA, August 1994



## RomFest 94

With M. Ghețu and I. Nicoară

Embassy Suites Hotel, Downey, CA, USA







RomFest 94

Embassy Suites Hotel, Downey, CA, USA



94

RomFest 94

With Zahu Pană

Embassy Suites Hotel,  
Downey, CA, USA







RomFest 94

With A. Ciufecu

Embassy Suites Hotel, Downey,  
CA, USA



## RomFest 94

With Ioan Nicoara (near  
Smarandache) and Corneliu  
Florea (alias Dumitru  
Pădeanu), second on his  
right

Embassy Suites Hotel, Downey,  
CA, USA







Justin Water's World.  
With sons.

Tucson, AZ, USA, August 1994





1995

---





Honeywell party.

Employees of the Honeywell IT  
company.

Section head: Keith Hathaway  
(in the middle, with sunglasses).

Phoenix, AZ, USA, May 1995



Florentin Smarandache,  
auto mechanic.

Unwillingly, but in need!

Tucson, AZ, USA, May 1995





101



Karlstad, CA, USA, June 1995





Small talks.

With Lio, the parrot.

Tucson, AZ, USA, July 1995

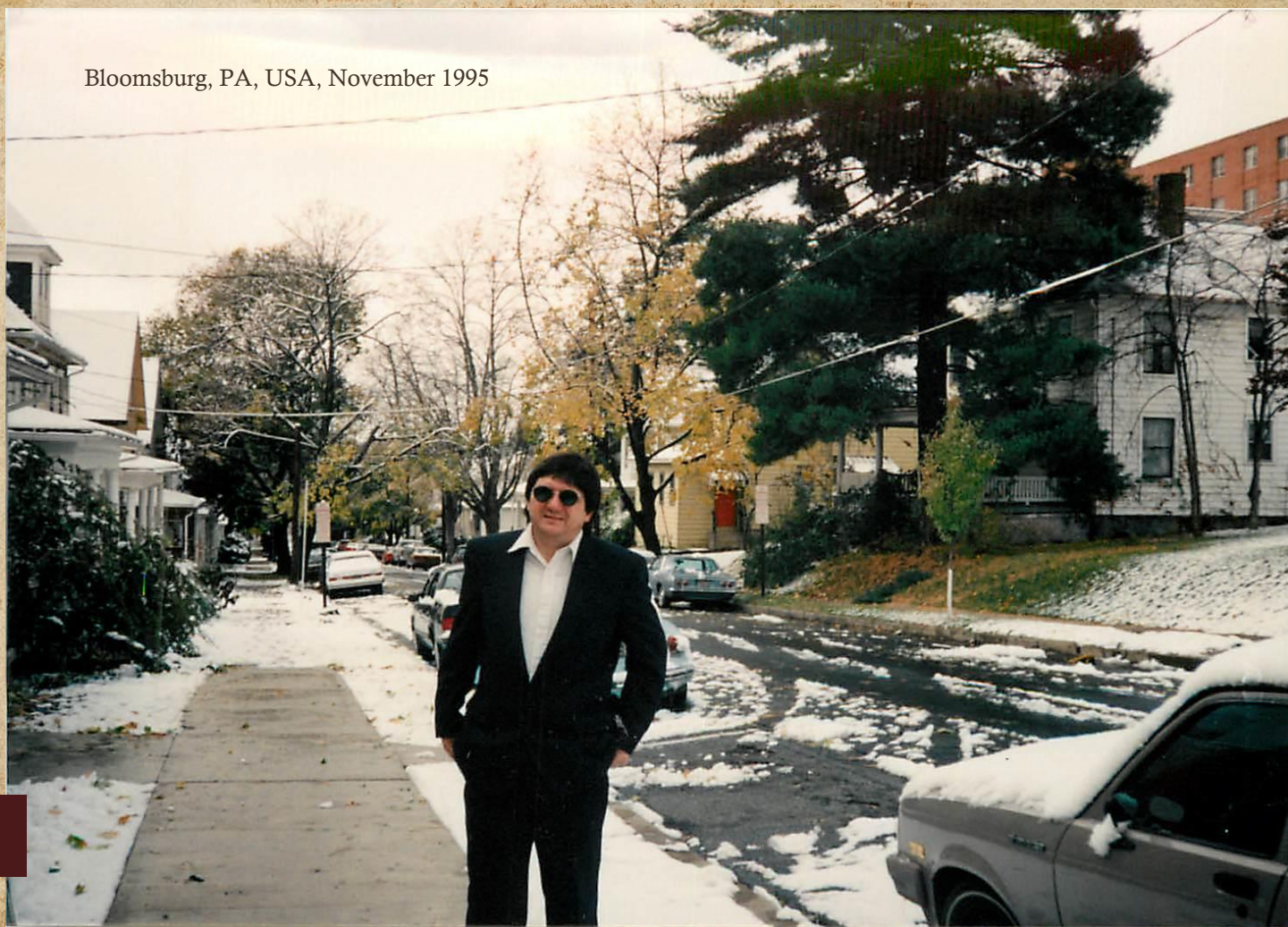




Tucson, AZ, USA, August 1995



Bloomsburg, PA, USA, November 1995







Bloomsburg University professors.

Bloomsburg, PA, USA, November 1995



Dennis Huthance (left), Jo Anne  
Growney (middle), Florentin  
Smarandache (right).

Bloomsburg University.

Bloomsburg, PA, USA, November 1995





Winter in Bloomsburg.

With Michael Collins, drama professor.

Bloomsburg, PA, USA, November 1995





With Sabah Sali, English professor from Kurdishland.

Bloomsburg, PA, USA, November 1995





Bloomsburg, PA, USA, November 1995





Russells Restaurant

Bloomsburg, PA, USA, November 1995







New York, New York...



Florentin Smarandache's celebration cake.

Tucson, AZ, USA, December, 10<sup>th</sup>, 1995







In the Los Angeles airport (LAX).

Los Angeles, CA, USA, December 1995





1996

---





With Carmen Rocșoreanu, Emil Burton,  
prof. Panait Popescu, C. Dumitrescu.

Craiova, Romania, January 1996



University of Craiova

With I. Cojocaru, S. Cojocaru,  
V. Seleacu, Șt. Zanfir, Emil  
Burton

Craiova, Romania, January 1996

116







With Carmen Rocșoreanu.

Craiova, Romania, January 1996



118



With Panait Popescu.

Craiova, Romania, January 1996



119



With high school colleagues  
Aurel Stefan, Cristian Voinea,  
Victor Tataru.

Craiova, Romania, January 1996



120

With Marian Mirescu,  
painter and translator.

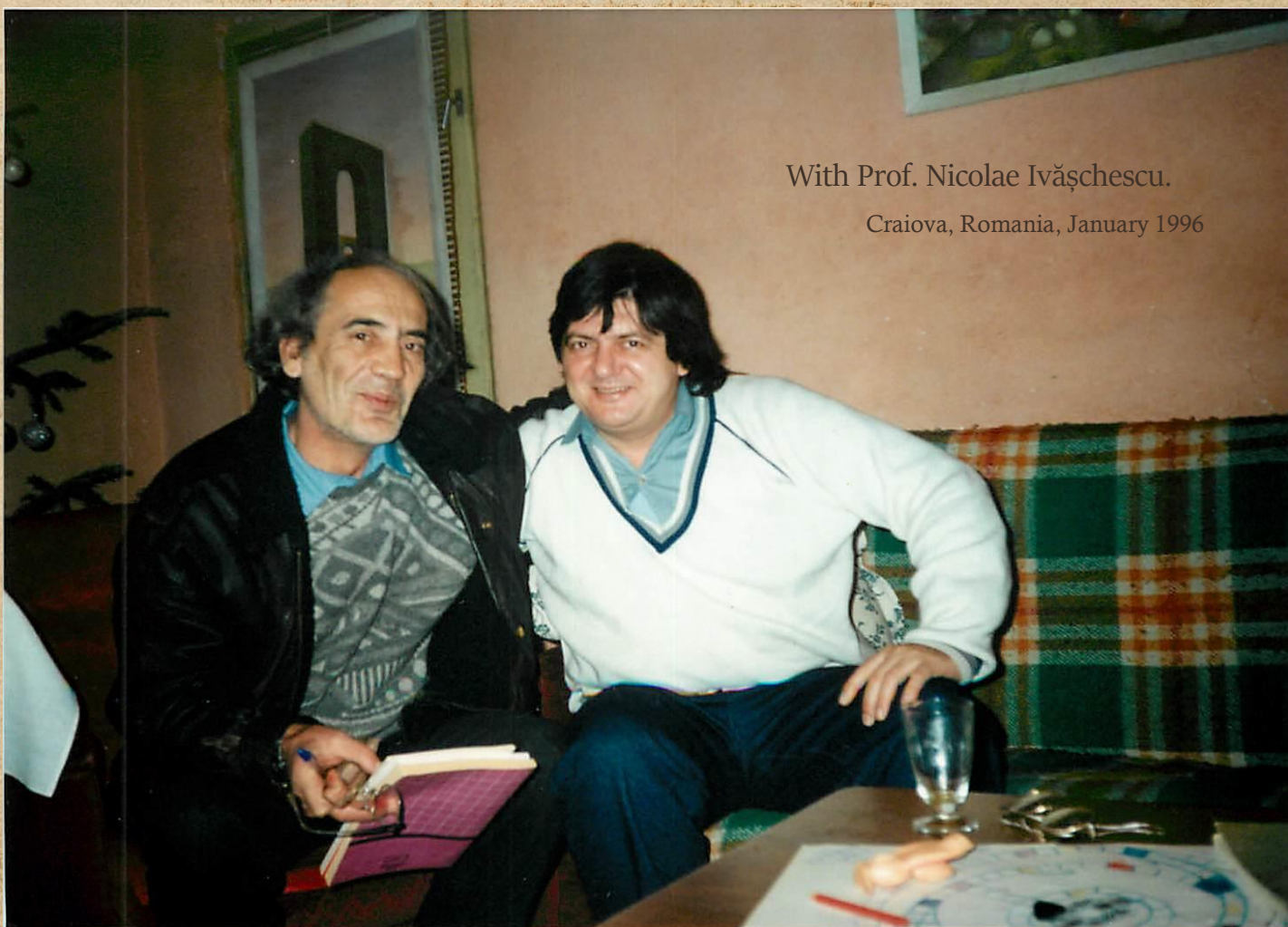
Craiova, Romania, January 1996





With Prof. Nicolae Ivășchescu.

Craiova, Romania, January 1996







122

With Marian Barbu, professor, novelist, literary critic.

Craiova, Romania, January 1996





With Titu Popescu.

Karlsfeld, Germany, January 1996



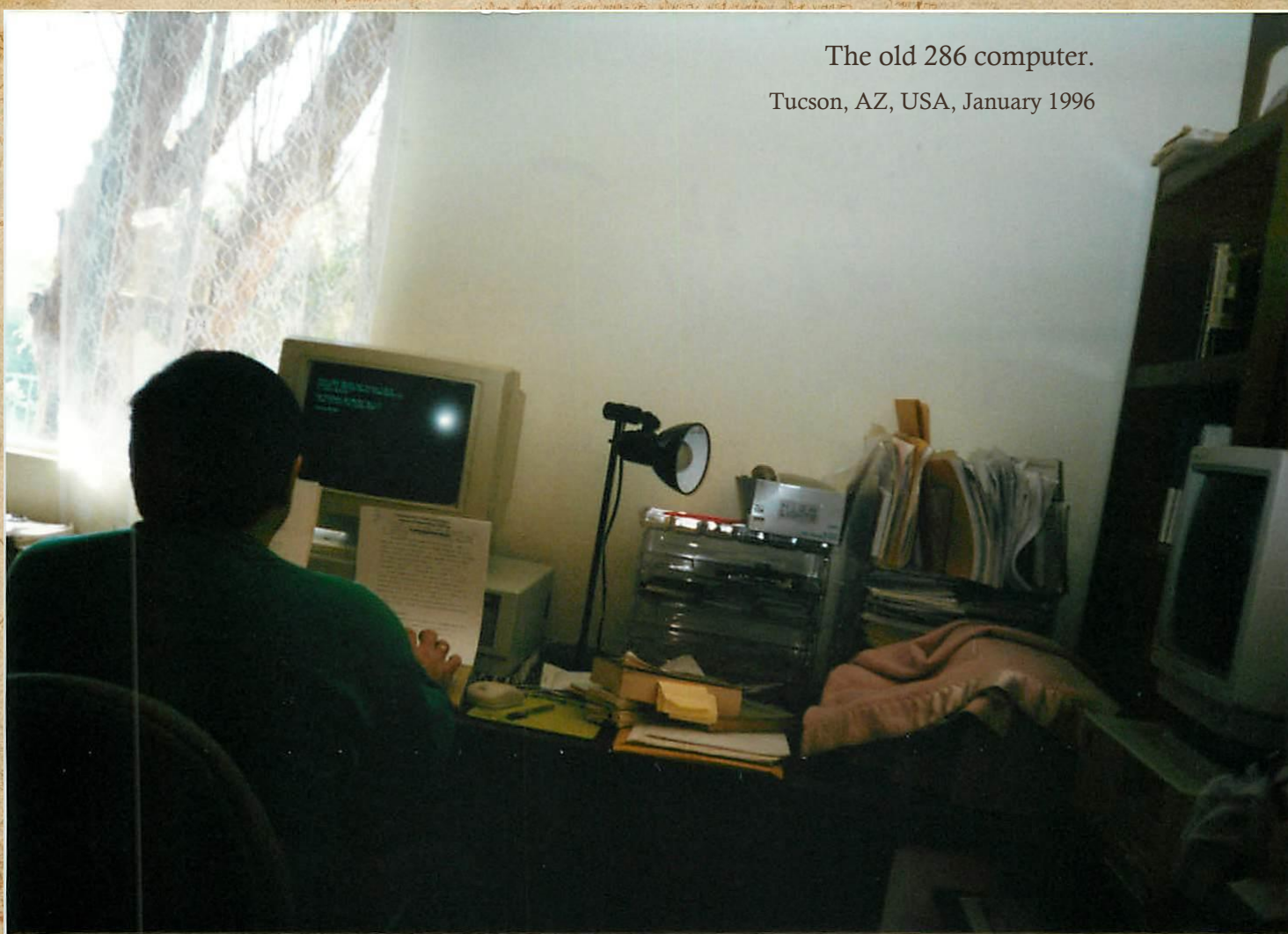
Tucson, AZ, USA, January 1996



124



The old 286 computer.  
Tucson, AZ, USA, January 1996





Becoming a US citizen.

US Court District

Phoenix, AZ, USA, February 1996





Phoenix, AZ, USA, February 1996







1997

---





129

American Mathematical  
Society (AMS)  
Conference.

Albuquerque, NM, USA,  
November 1997



University of New Mexico  
Gallup, NM, USA, Fall 1997



130



With Judy.

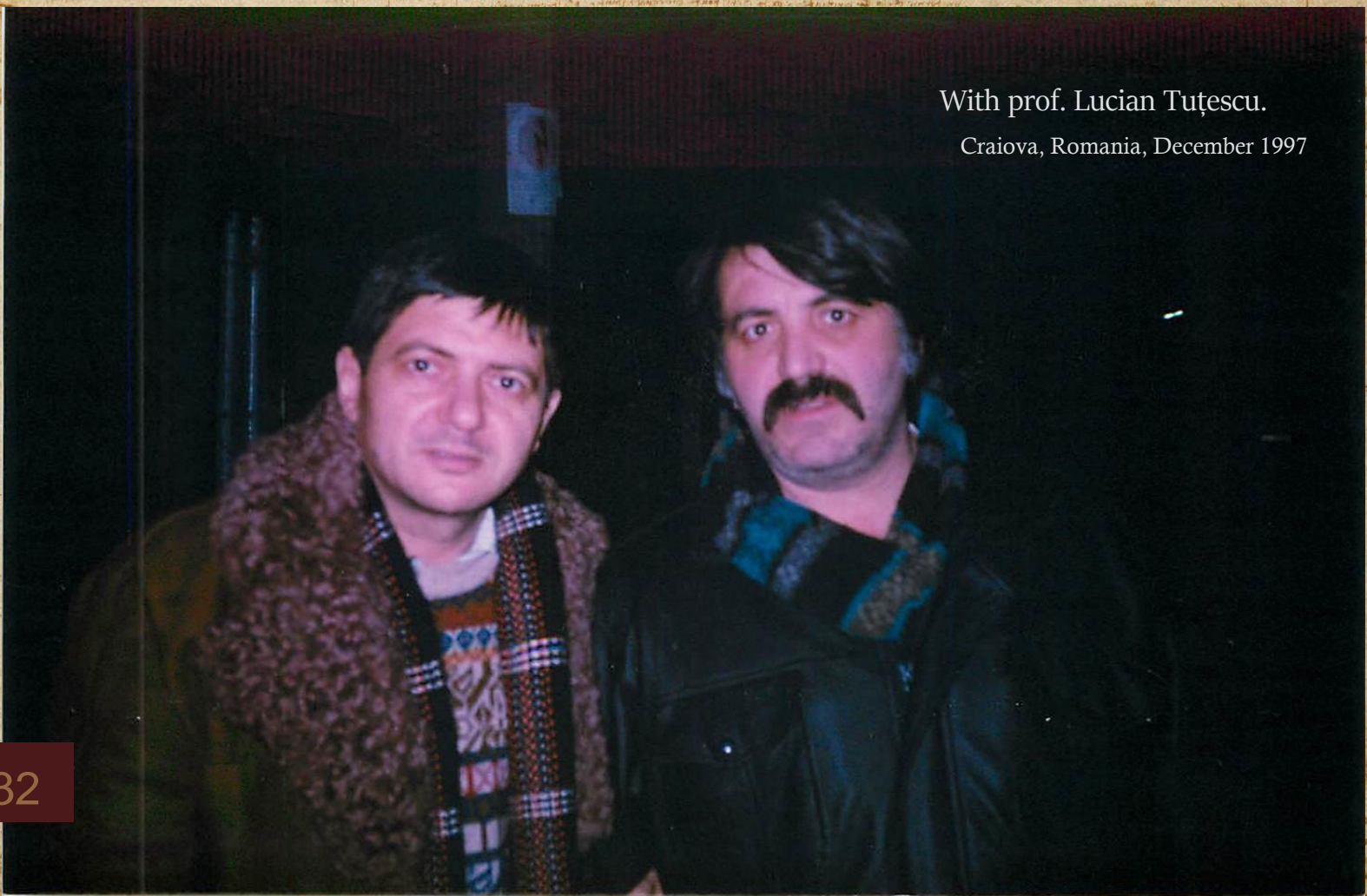
Arizona, USA, Fall 1997





With prof. Lucian Tuțescu.

Craiova, Romania, December 1997







With Ovidiu Ghidirmic, literary critic.

Craiova, Romania, December 1997





With poet and editor Gabriel  
Stănescu.

Atlanta airport, USA, December 1997





With Vali Ichim.

Bucharest, Romania, December 1997





With mother (Marioara Smarandache)  
and Nea Iulica (Iulian Sava).

Bălcești, Vâlcea district, Romania, December 1997



Birthdays cake.

December, 10<sup>th</sup>, 1997







1998

---





With Nicolae Marinescu,  
Marian Barbu (writer and  
professor), Mrs. Leferman  
(Dolj Library chief), C. M.  
Popa (literary critic)

Craiova, Romania, January 1998



140

With Nicolae (Nucu) Sidor Marinescu,  
editor, publisher, professor, and Ileana  
Petrescu, editor and publisher.

Bălcești, Vâlcea district, Romania, January 1998





Craiova, Romania, January 1998



Professors N. Ivășchescu,  
Emil Burton, N. Lupșoiu.





Math Educational Conference

Las Cruces, USA, April 1998





143

Las Cruces, USA, April 1998



144

With Viorel Gh. Vodă,  
mathematician  
Victor Moraru, painter  
Ion Moraru, uncle  
Mihai Prepelită, writer







Gallup, USA, February 1998



With Navajo-Indian dancers

Gallup, NM, USA, July 1998







1999

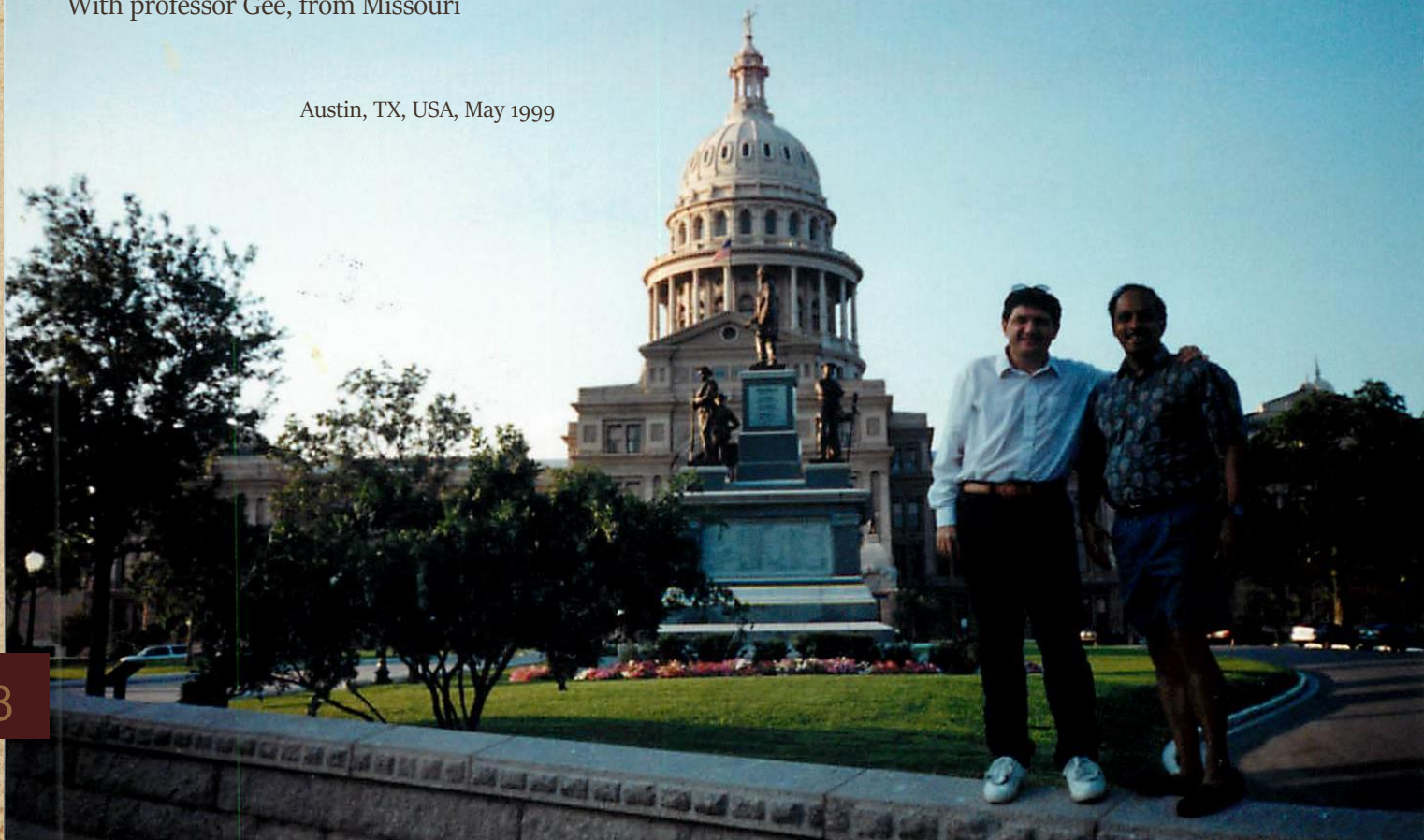
---



Conference on Websites.

With professor Gee, from Missouri

Austin, TX, USA, May 1999





The White House, Washington, D.C. , USA, July 1999







Capitol, Washington, D.C., USA, July 1999



151



With poetess Alexandra Roceric.

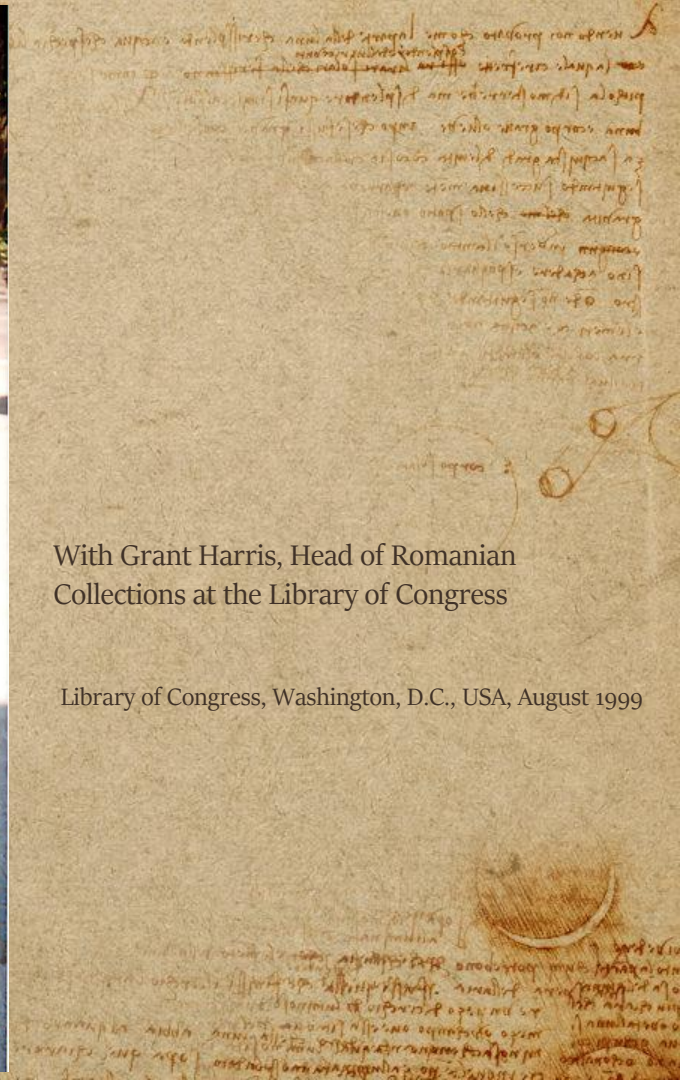
Washington D.C., USA, August 1999





With Grant Harris, Head of Romanian  
Collections at the Library of Congress

Library of Congress, Washington, D.C., USA, August 1999





Handwritten text and diagrams on the left margin, including a circular diagram with the word "Cassini" written inside.



Handwritten text and diagrams on the right margin, including a circular diagram with a grid pattern.





2000

---





Los Angeles Micron Literary Group  
Los Angeles, CA, USA, February 2000



156

With poet and editor Octavian Blaga

Meteor crater, April 2000





In the back, from left to right:

Cristian Ristea, former speaker  
for Radio Free Europe

Ing. Gabriel Marinescu, school  
colleague

In the front, from left to right:

Florentin Smarandache

Robert Șerban, editor of *Focus*  
journal

Timișoara, Romania, July 2000







With Magda Vlădilă, editor  
of *Telegraful* journal.

Eforie Nord, Romania, July  
2000



Novi Sad, Vojvodina, Serbia,  
July 2000

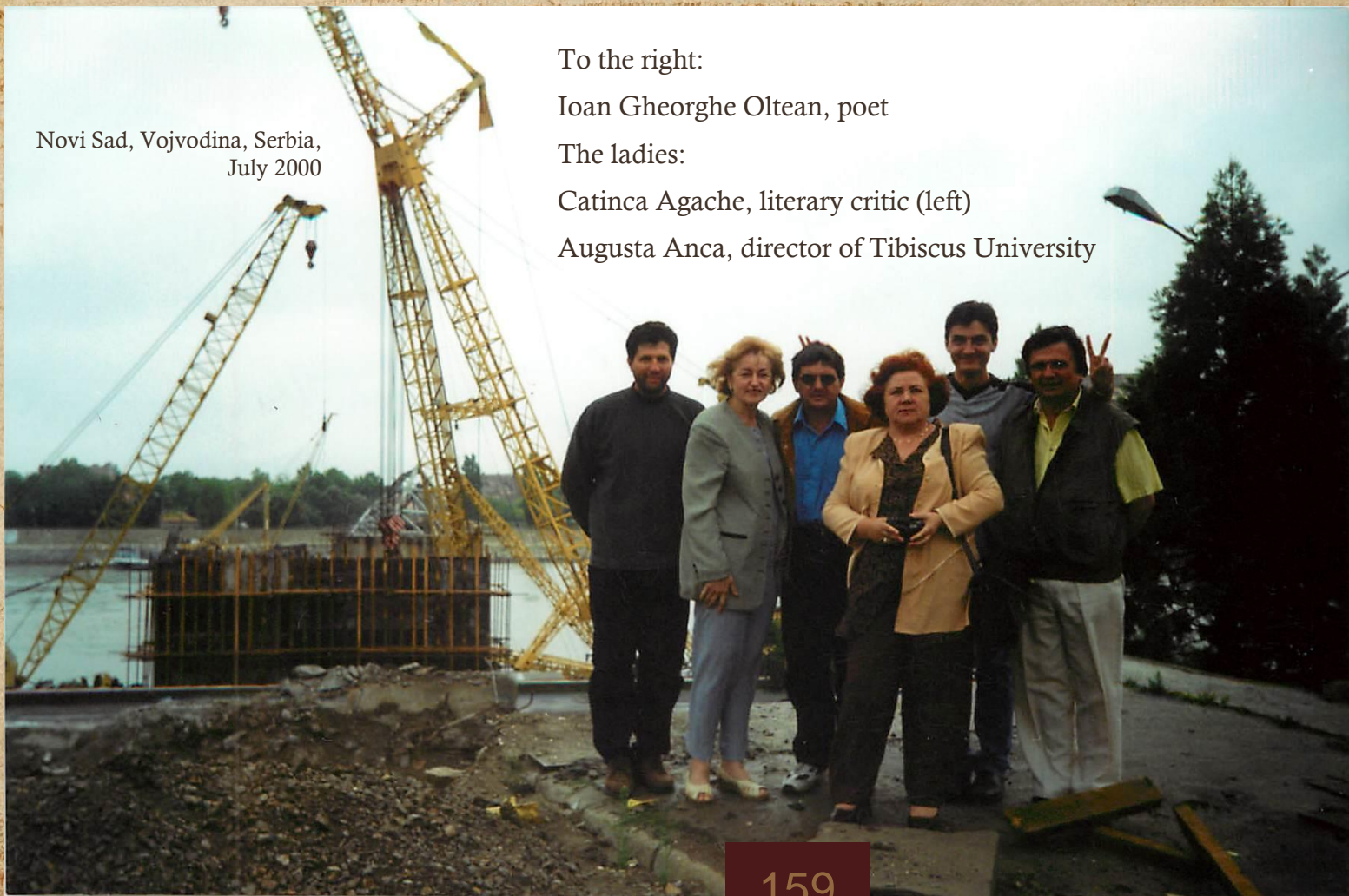
To the right:

Ioan Gheorghe Oltean, poet

The ladies:

Catinca Agache, literary critic (left)

Augusta Anca, director of Tibiscus University

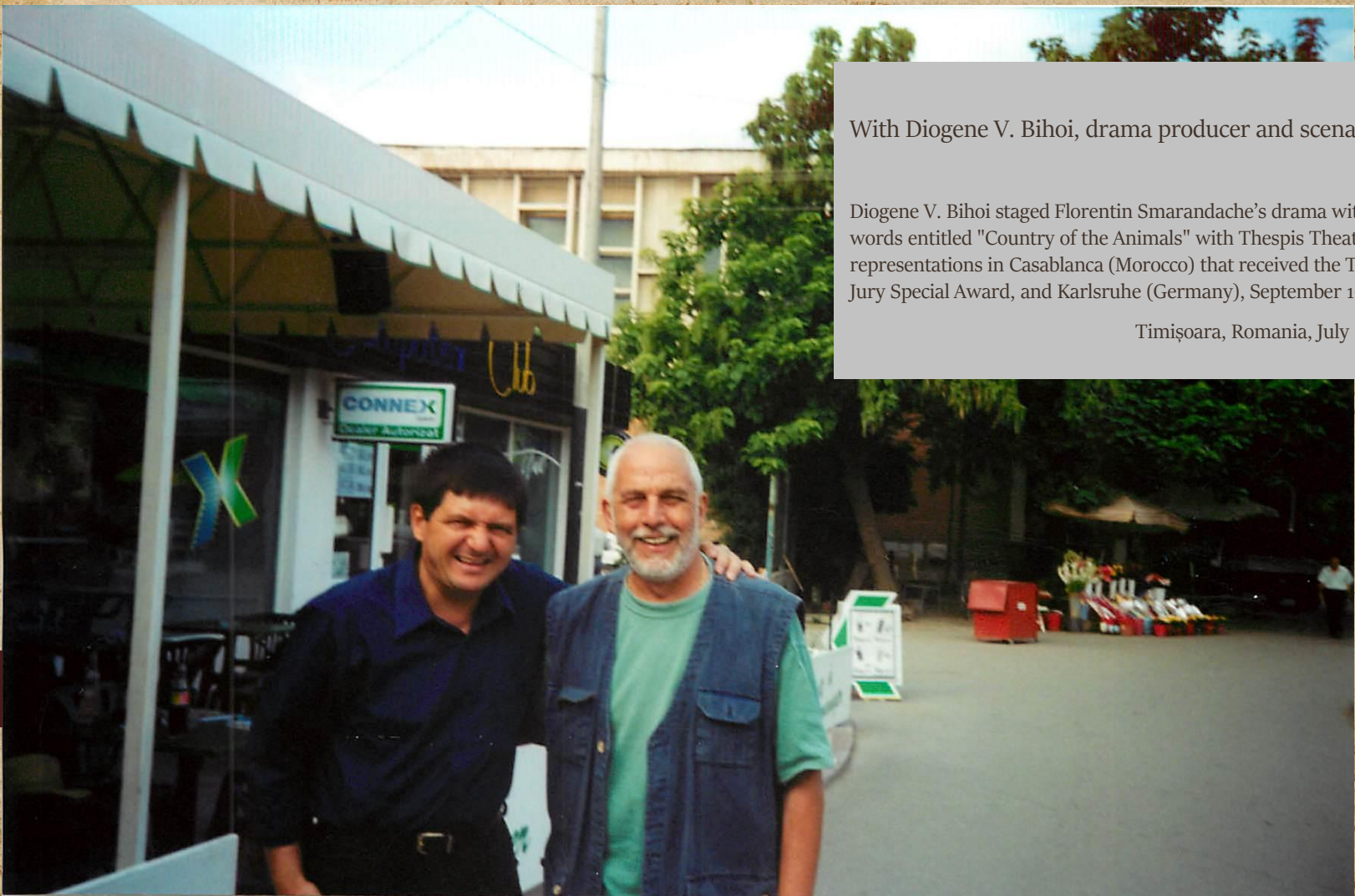




With Diogene V. Bihoi, drama producer and scenarist.

Diogene V. Bihoi staged Florentin Smarandache's drama with no words entitled "Country of the Animals" with Thespis Theater; representations in Casablanca (Morocco) that received the The Jury Special Award, and Karlsruhe (Germany), September 1995.

Timișoara, Romania, July 2000







With journalists Robert Șerban (left) and Adrian Marcu (right).

Timișoara, Romania, July 2000





A beer with the Romanian writer Ovidiu Ghidirmic.

Craiova, Romania, August 2000.





With Victor Păun,  
a poet from my  
hometown.

Bălcești, Romania, August 2000





164

With my colleague Victor Dudău and my highschool French teacher and translator from/into French Traian Nica.

Craiova, Romania, August 2000



With university professor  
Mihaela Albu.

Craiova, Romania, August 2000





With writer Vasile M. Barbu.

Uzdin, South Banat, Serbia, August 2000







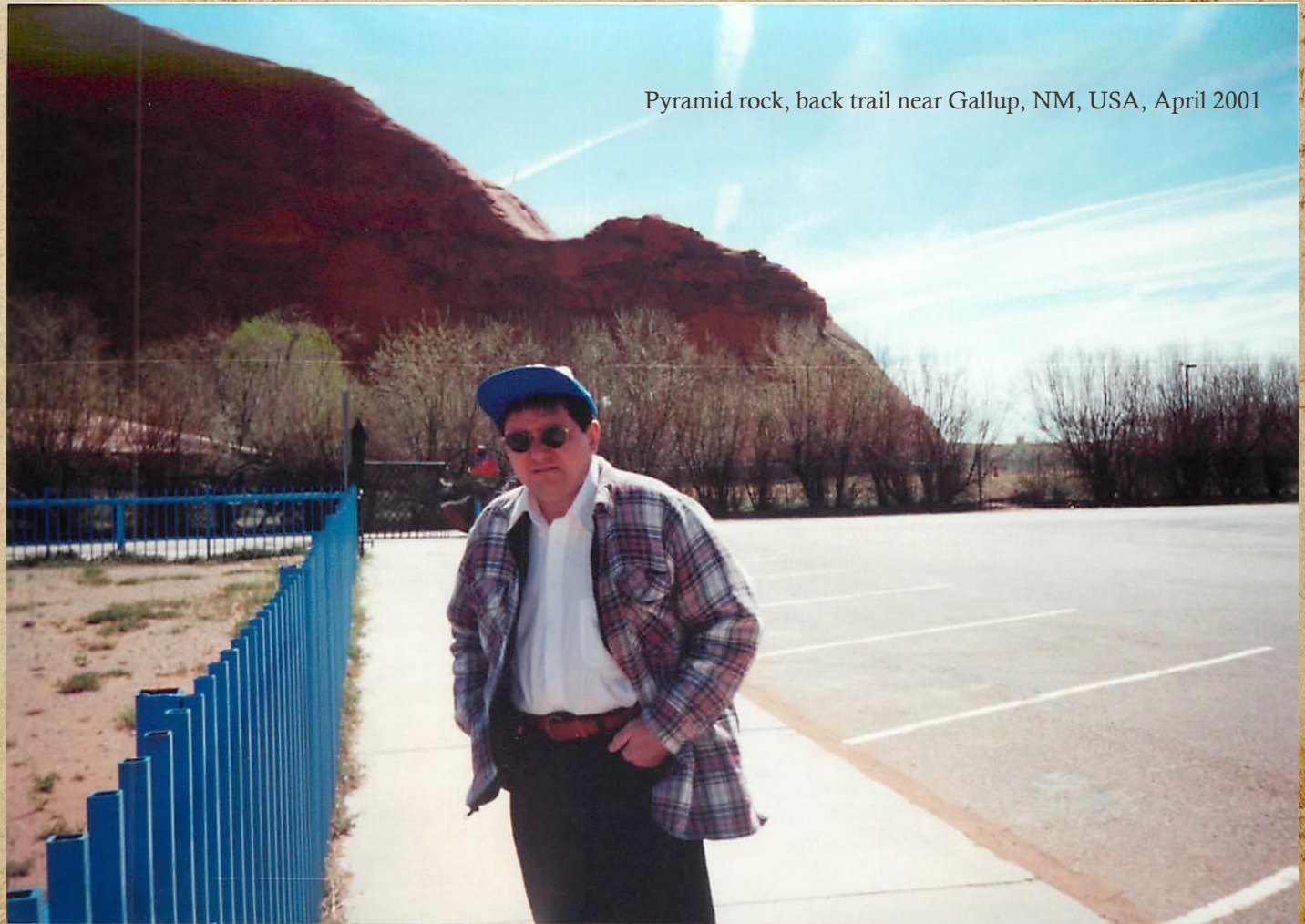
2001

---



168

Pyramid rock, back trail near Gallup, NM, USA, April 2001





Balloon Festival, Gallup, NM, USA, April 2001

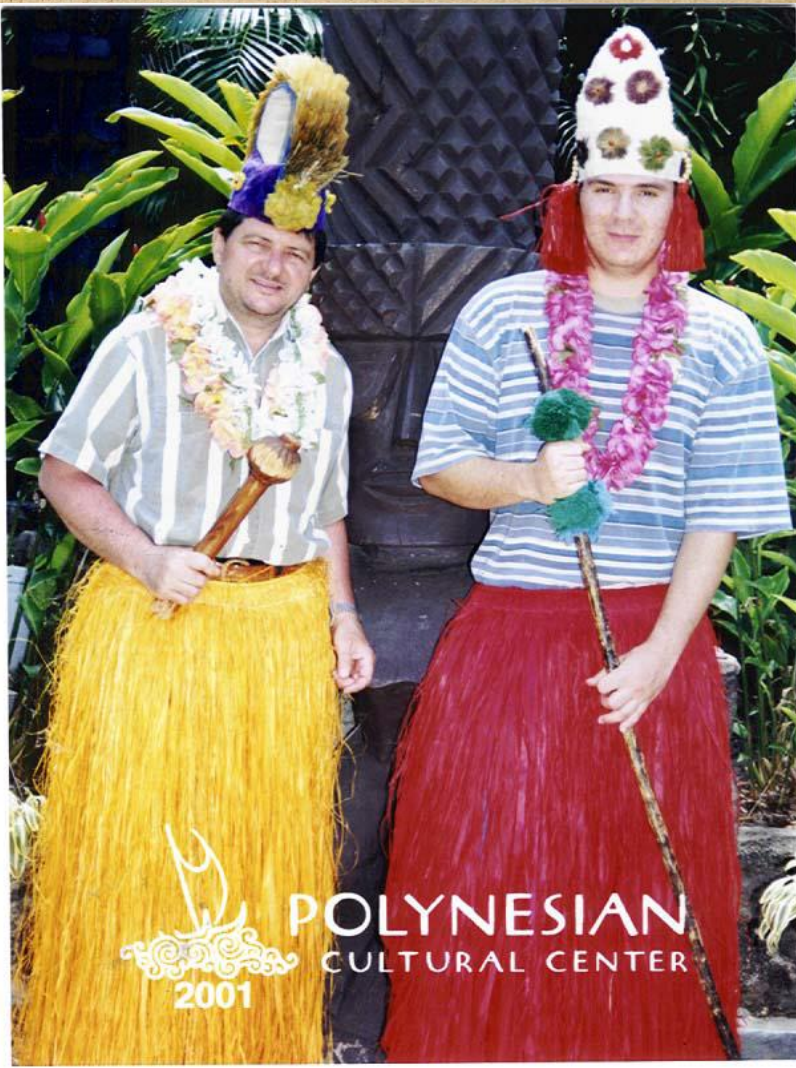




A souvenir in a Hawaiian skirt  
With his son Mihai at the  
"Polynesian Cultural Center"

Hawaii, May 2001

170





A "shower" in the whirlpool  
of Waimea Falls

Hawaii, May 2001





172

Home, Gallup, NM, USA,  
December 2001







2002

---



World Congress of Mathematicians, Beijing, August 2002







World Congress of Mathematicians,  
Beijing, August 2002





176

World Congress of Mathematicians,  
Beijing, August 2002









Embracing the statue of the philosopher Confucius,  
Beijing, August 2002







179

In the position of "guardian" of the Great Wall  
of China, August 2002



Chinese Emperor of Numbers,  
August 2002

180







2003

---



Sydney, Australia, July 2003

182



Florentin Smarandache,  
having Sydney in the back.





183

At the famous Sydney Bridge.

Sydney, Australia, July 2003



With writer George Mitin-Varișescu.

Sydney, Australia, July 2003

184







With professors from Griffith University.

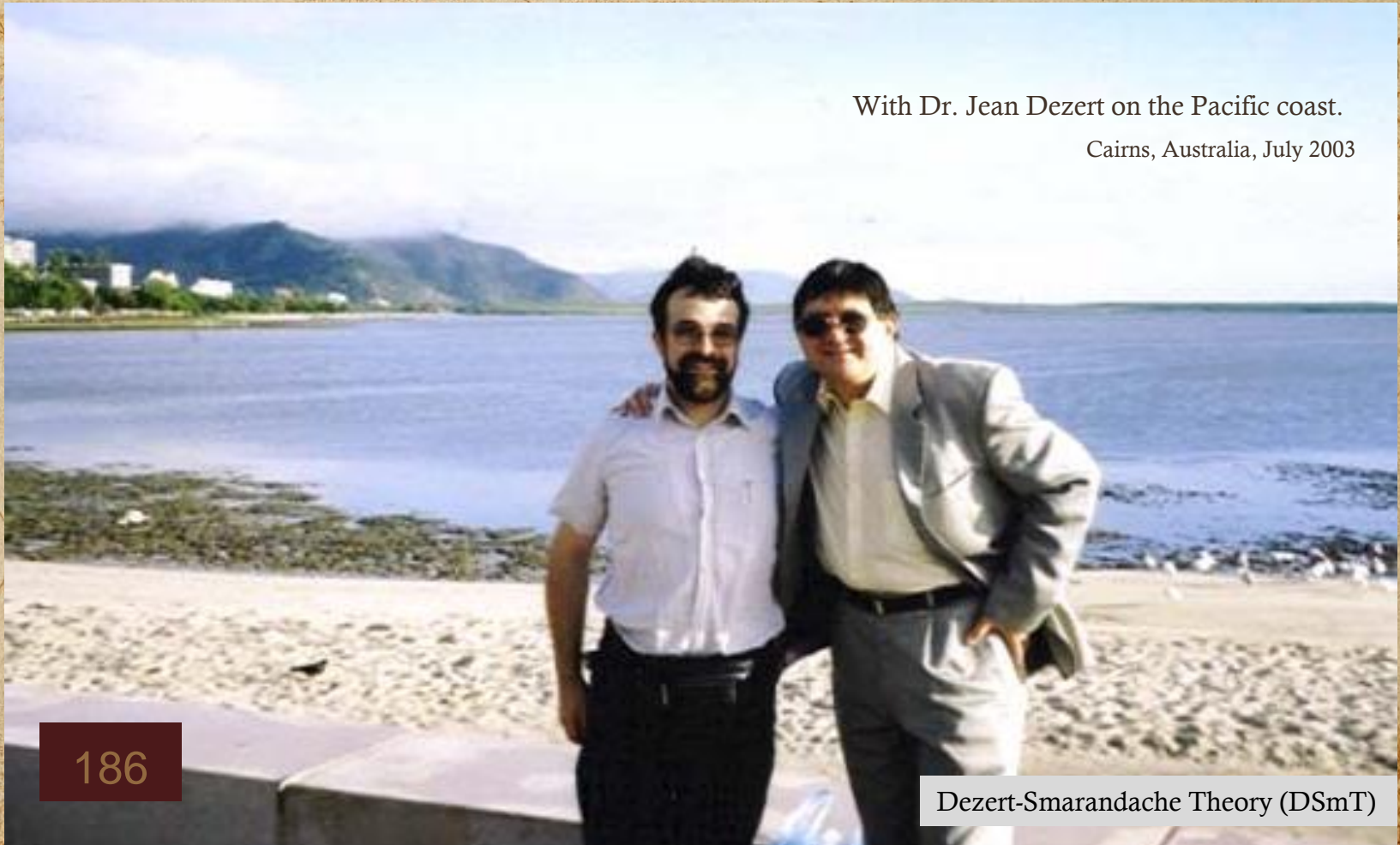
Fusion Conference  
Gold Coast, Australia, July 2003

185



With Dr. Jean Dezert on the Pacific coast.

Cairns, Australia, July 2003



186

Dezert-Smarandache Theory (DSmT)



With Jean Dezert and C. Musso on the Pacific coast.

Cairns, Australia, July 2003



187



Frenchmen.

Fusion Conference  
Australia, July 2003

188







With aborigens.

Australia, July 2003

189



190

Fusion Conference.

Australia, July 2003





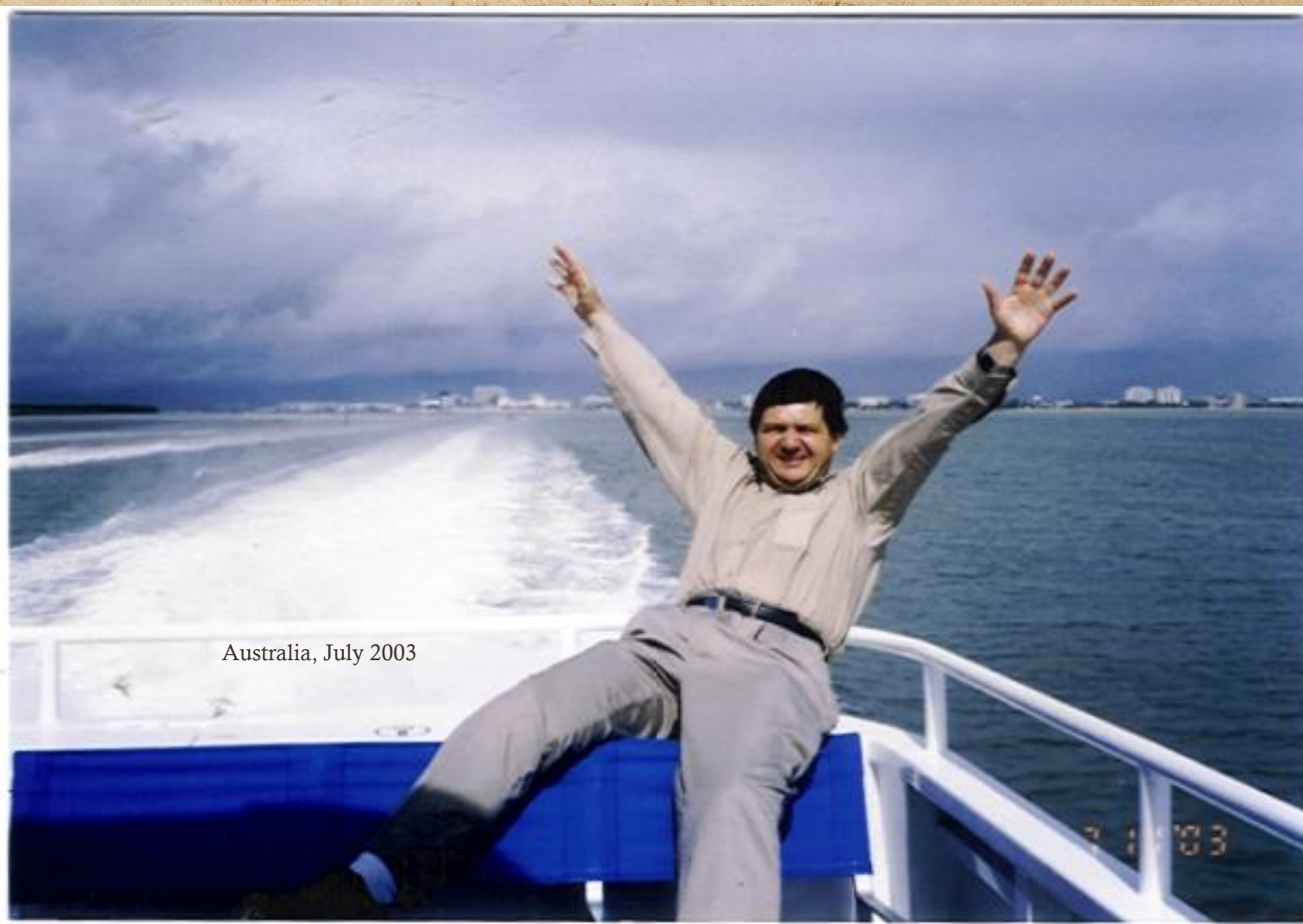


Fusion Conference.

Australia, July 2003



192



Australia, July 2003





With southern hairy-nosed wombat.

Australia, July 2003





194

With Dr. Lotfi Zadeh.

International Conference at University of Berkeley

Berkeley, CA, USA, December 2003





Berkeley, CA, USA,  
December 2003

2003/12/14

With Dr. Masoud Nikravesh,  
Berkeley Initiative in Soft Computing



196



Playing golf.

Berkeley, CA, USA,  
December 2003





With Dr. Mohamed Koshnevisan,  
Dr. Lotfi Zadeh and his wife  
International Conference at  
University of Berkeley

Berkeley, CA, USA, December 2003

2003/12/14





2003/12/14

198

International Conference at University of Berkeley

Berkeley, CA, USA, December 2003









2004





201

Phoenix, AZ, USA, 2004



202

Book launching

Râmnicu Vâlcea, Romania, 2004







203

Phoenix, AZ, USA, 2004



Phoenix, AZ, USA, 2004

204



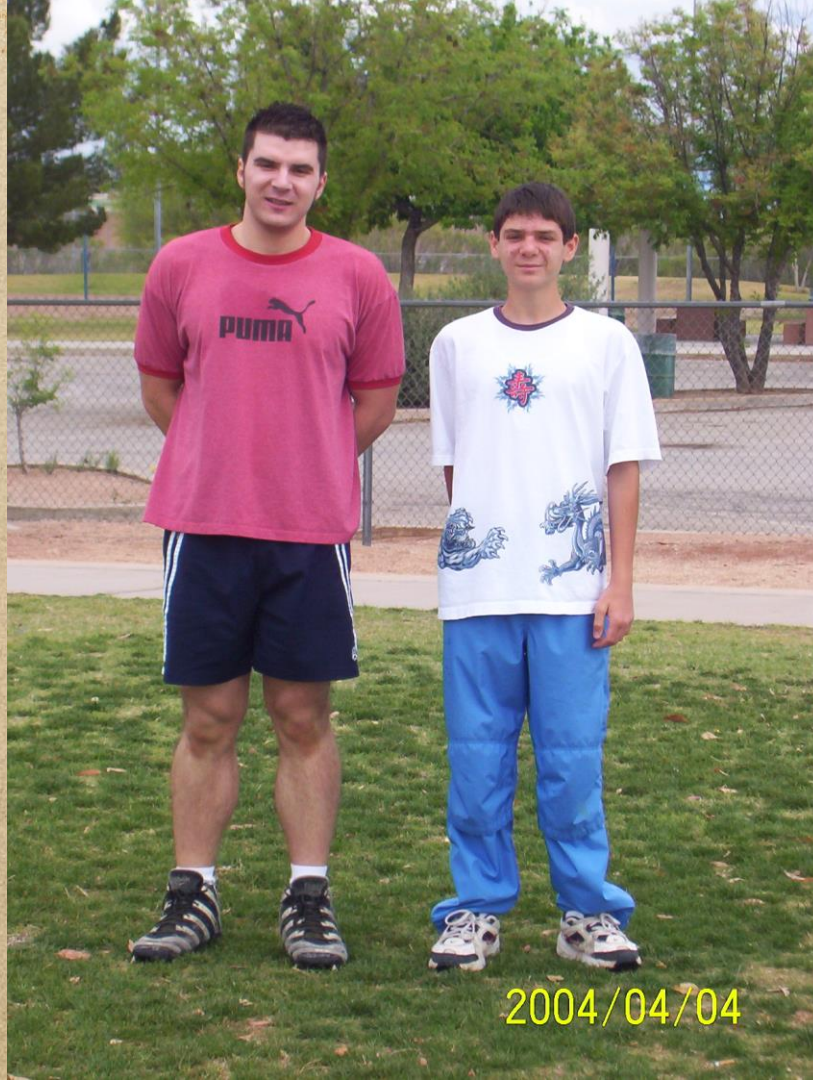
2004/02/27



205

My sons

Tucson, AZ, USA, 2004



2004/04/04





Talking with Tasha, a young Haitian lady, in the eccentric Haitian French-based Creole language.

Nassau, Commonwealth of The Bahamas, May 2004



In the bustling Botanical  
Garden of Nassau (left)

Red parrots at the Zoo  
(right)

Nassau, Commonwealth of  
The Bahamas, May 2004

207





With Dr. Jean Dezert and Dr. Albena Tchamova,  
at Nobel Museum

Stockholm, Kingdom of Sweden, June 2004

208







The Hindu Florentin Smarandache (left).  
With Dr. Sukanto Battacharya (right)

Calcutta, India, December 2004







2005



Traditional Indian greeting:  
Namesteye!

Delhi, India, January 2005







212

With Dr. Manoj Gupta and  
Dr. Ajay Kurma Sharma.

Delhi, India, January 2005

2005/01/03



213



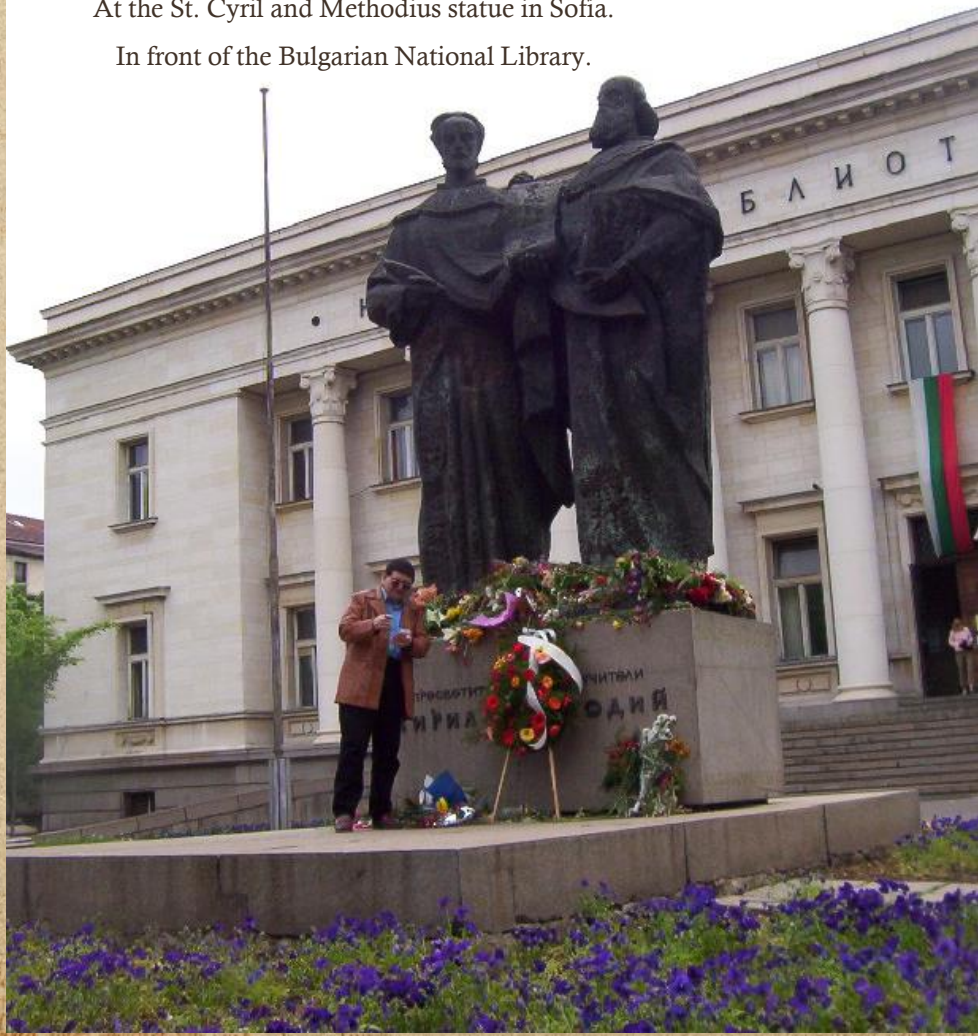
2005/05/25

NATO scientific-seminar.  
In Front of the Conference Center in Albena Resort.  
Albena, Republic of Bulgaria, May 2005



At the St. Cyril and Methodius statue in Sofia.

In front of the Bulgarian National Library.



Sofia, Republic of Bulgaria, May 2005

214



With Albena Tchamova.

Sofia, Republic of Bulgaria, May 2005

215







216

With Jean Dezert.  
Alongside the statues of the writers Petku  
and Penciú Sloveikú.  
Sofia, Republic of Bulgaria, May 2005



217

At the statue of the Patriarch Eftimii.  
Sofia, Republic of Bulgaria, May 2005







In front of Kazan Cathedral in St. Petersburg.

St. Petersburg, Russian Federation, August 2005

218

2005/08/03



With Boris Levin, near the Church of the Savior  
on Spilled Blood.

St. Petersburg, Russian Federation, August 2005

219



2005/08/03

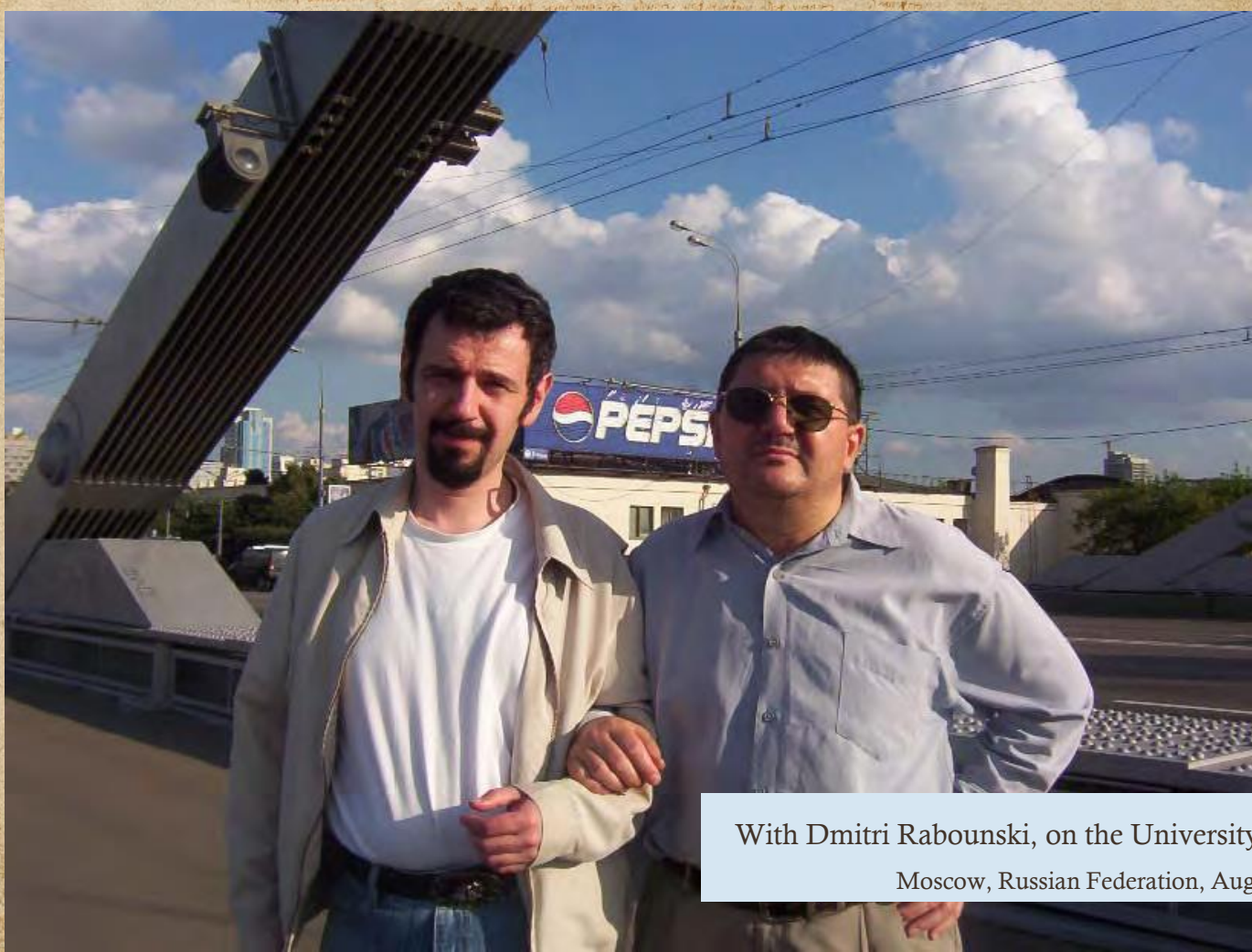




2005/06/19

220





221

With Dmitri Rabounski, on the University Bridge in Moscow.  
Moscow, Russian Federation, August 2005





With the poet Igor Mihailusenko.  
Moscow, Russian Federation, August 2005





With Cleopatra

Barcelona, Spain,  
November 2005



224



With Jean Dezert

Barcelona, Spain,  
November 2005

2005/11/04





2006



STIKI University of Malang

East Java, Indonesia, May 2006







With professors and students from  
STIKI University of Malang.

East Java, Indonesia, 20 May 2006



With professors and students  
from the University of Salatiga.

Central Java, Indonesia, May 2006







Dr. Peter Handoko,  
Florentin Smarandache,  
Dr. Surya Trihandaru,  
Vic Christianto  
(from left to right)

University of Salatiga  
Central Java, Indonesia, May 2006



With Dr. Harsono, at a scientific seminar.

University of Salatiga,  
Central Java, Indonesia, May 2006





(VBA)  
 $\theta) = 1$   
 $= P(\cdot)$

Handwritten notes on a whiteboard:

- NC: T, X, E
- games
- voting
- decision-making
- FL: T, F
- $p(0,5,0)$
- $q(0,4,0)$
- $p \wedge B = 1$
- $p \wedge t$
- $q \wedge t$

Classical Probability

$$S = \{A, B\}$$
$$P(A) + P(B) = 1$$

Donnerstag, 14.05.2008

$$P(A) + P(B) + P(A \cap B) = 1$$
$$P(A \cup B) = P(A) + P(B) - P(A \cap B)$$

Yellow, Red and Yellow

Presenting the journals of alternative physics 'Progress in Physics' and 'Infinite Energy'.

University of Salatiga

Central Java, Indonesia, May 2006



With a... mannequin in the  
Mataram Palace of the Paku  
Buwono Dynasty.

Central Java, Indonesia, May 2006

232







A king and a queen,  
Mataram Palace.

Central Java, Indonesia,  
May 2006

233



234

With Surya and his wife,  
Prof. Honna Arini Parhusip.

Central Java, Indonesia, May 2006





235



With a nun at the Godonov  
Catholic Monastery

Central Java, Indonesia, May 2006





Professor John Rassias from the University of Athens.

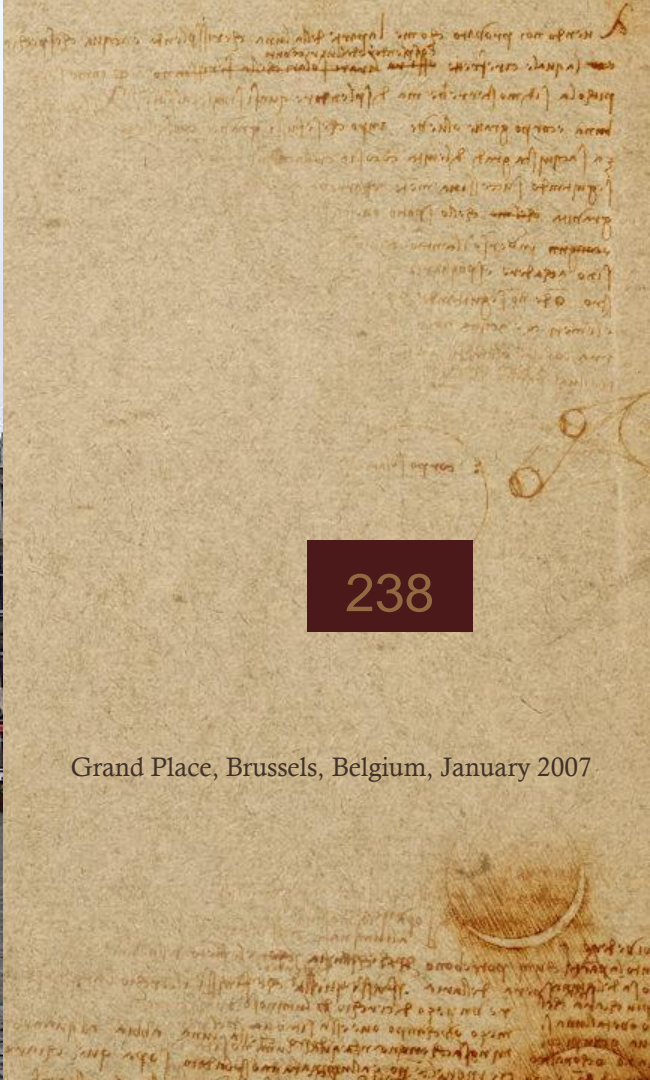
Athes, Greece, December 2006





2007





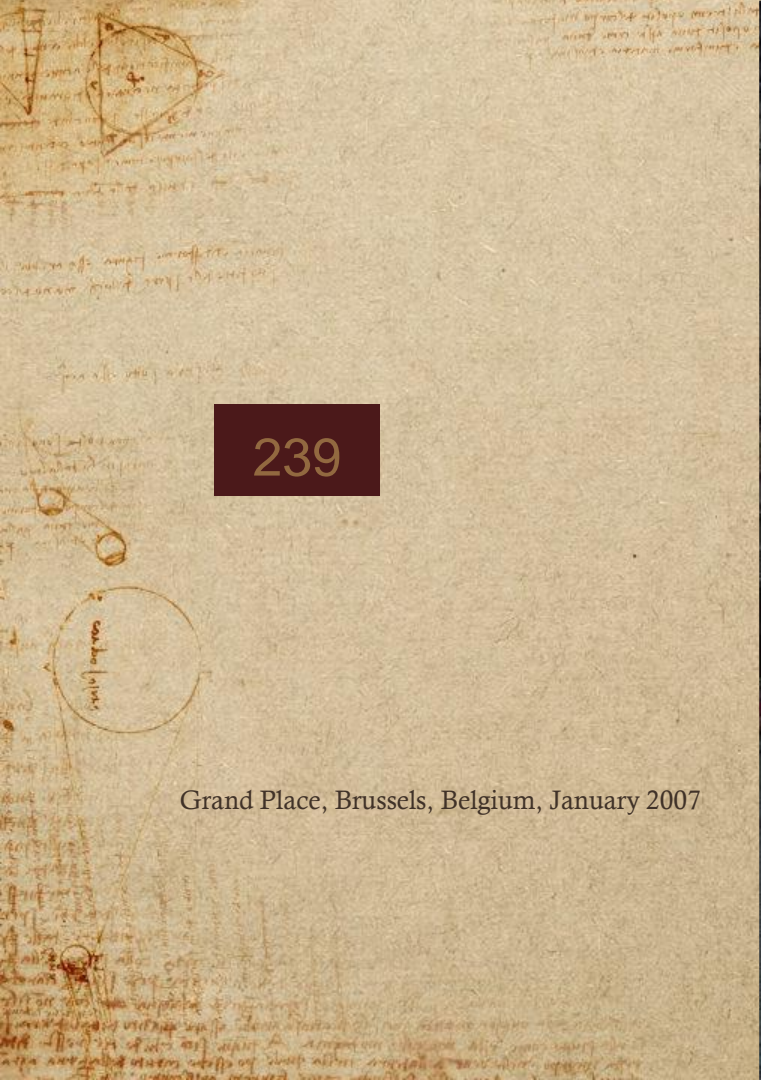
238

Grand Place, Brussels, Belgium, January 2007



239

Grand Place, Brussels, Belgium, January 2007







With Chinese professors Xue Weimin and Li Fanzhang  
International Conference on Granular Calculation

Atlanta, GE, USA, May 2007



241

With Dr. Wang Haibin  
International Conference  
on Granular Calculation

Atlanta, GE, USA, May 2007







242

International Conference on Granular Calculation

Atlanta, GE, USA, May 2007



243

International Conference  
on Granular Calculation

Atlanta, GE, USA, May 2007







International Conference on Granular Calculation

Atlanta, GE, USA, May 2007



245

International Conference  
on Granular Calculation

Atlanta, GE, USA, May 2007







International Conference on Granular Calculation

Atlanta, GE, USA, May 2007



247

Aquarium

Atlanta, GE, USA, May 2007







Pagosa Hot Springs, CO, USA, August 2007



249



Pagosa Hot Springs, CO, USA, August 2007

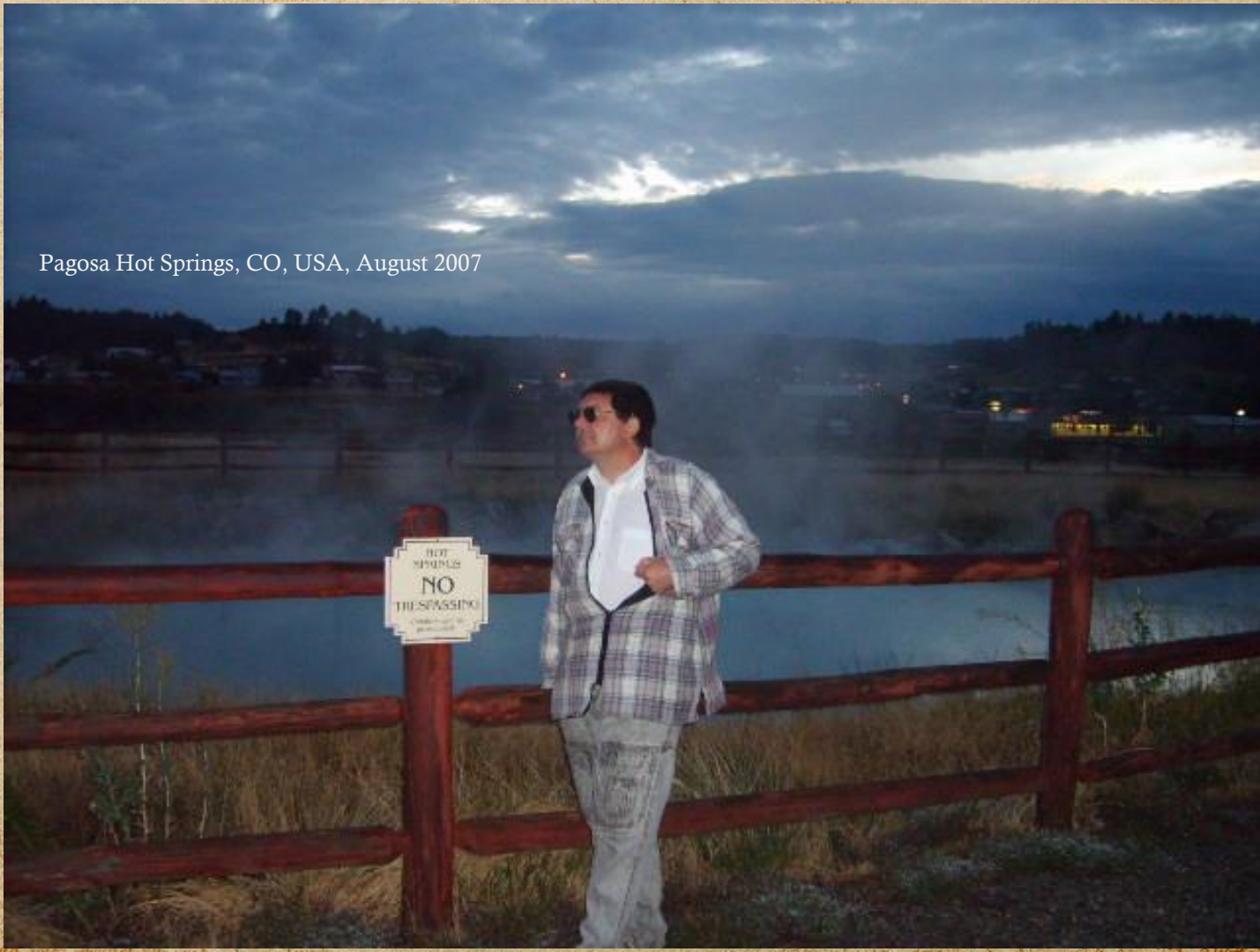




Pagosa Hot Springs, CO, USA, August 2007



Pagosa Hot Springs, CO, USA, August 2007



251



Pagosa Hot Springs, CO, USA, August 2007

252







253

Pagosa Hot Springs, CO, USA, August 2007





Cairo, Arab Republic of Egypt, December 2007

254





255

With prof. univ. dr. Adel Helmy Phillips

Cairo, Arab Republic of Egypt, December 2007





2008





257

Köln, Federal Republic of Germany, June 2008



Köln, Federal Republic of Germany, June 2008



258



With Dr. Jean Dezert

Köln, Federal Republic of Germany,  
June 2008







260

Fusion International Conference 2008  
Köln, Federal Republic of Germany, June 2008



261



Fusion International Conference 2008

Köln, Federal Republic of Germany, June 2008





Presenting DSMT Theory  
Fusion International Conference 2008  
Köln, Federal Republic of Germany, June 2008





Presenting DSmt Theory. Together with Dr. Jean Dezert  
Fusion International Conference 2008  
Köln, Federal Republic of Germany, June 2008





264

With Dr. Thank-Bink To, technical director that uses Dezert-Smarandache Theory in Volkswagen cars

Köln, Federal Republic of Germany, June 2008



265

With Dr. Mark E. Oxley, from  
the Military Institute of Aviation  
Technology, Dayton, Ohio.

Köln, Federal Republic of Germany,  
June 2008







266

With Dr. Branko Ristič - Serbian emigrant to Australia (left) and Dr. Christophe Osswald - French (right).

Köln, Federal Republic of Germany, June 2008



Handwritten text and diagrams on the left side of the page, including a geometric diagram at the top and a circular diagram at the bottom.

267



Handwritten text and diagrams on the right side of the page, including a circular diagram at the bottom.

Friending with Ancients

Köln, Federal Republic of Germany, June 2008





Barefoot through Miami.  
Miami, FL, USA, August 2008



With Prof. Richard J. Griego.  
Albuquerque, NM, USA, August 2008

269





270



As Department Chair at UNMG,  
with secretaries

Gallup, NM, USA, October 2008



271

Gallup, NM, USA,  
Winter 2008







2009



273



With the president of University of New Mexico, David Schmidley  
Albuquerque, NM, USA, May 2009





274

With professors Emilia and Marin Popescu-Diculescu  
Bălcești, Romania, May 2009





275

Scientific Seminar on DSMT (Dezert-Smarandache Theory) at the Air Force Institute of Technology

Dayton, OH, USA, May 2009





276

Conference on DSmT at the Air Force Institute of Technology

With Prof. Dr. Mark E. Oxley, from the Air Force Institute of Technology,  
and his students

Dayton, OH, USA, May 2009



Conference on DSmT at the Air Force Institute of Technology

Dayton, OH, USA, May 2009

$$\Theta = \{A, B\}$$

$$P(A) + P(B) = 1 \quad \text{cl. prob.}$$

$$P(A) + P(B) + P(A \cup B) = 1$$

$$P(A) + P(B) + P(A \cup B) + \text{uncertainty}$$

$$x \wedge y = x \cdot y$$





Conference on DSMT at the Air Force Institute of Technology  
Dayton, OH, USA, May 2009



279



With physicist Dr. Ervin Goldfain  
Syracuse, NY, USA, June 2009





International Conference on Information Fusion  
Seattle, WA, USA, July 2009



281



Niagara Falls, NY, USA, July 2009





ANCHORAGE MUSEUM  
AT RASMUSON CENTER

Anchorage, AL, USA, August 2009



Anchorage, AL, USA, August 2009

283





Yellowstone (Wyoming, Montana, and Idaho), USA, October 2009

284





Yellowstone (Wyoming, Montana, and Idaho), USA, October 2009

285







The Fifth International Conference on Number Theory and Smarandache Notions



# 第五届国际数论与 Smarandache 问题研讨会合影留念

陕西 商洛 2009.3







2010





Telesio Galilei Academy Award.

Pecs, Hungary, June 2010





Telesio Galilei Academy Award.  
Pecs, Hungary, June 2010





## Telesio Galilei Academy Award.

Pecs, Hungary, June 2010







Telesio Galilei Academy Award.  
Pecs, Hungary, June 2010





Fusion International Conference  
Downtown Chicago, IL, USA, July 2010







With Dr. Valentina Dragos  
Fusion International  
Conference  
Chicago, IL, USA, July 2010



With Prof. Deqiang Han  
Fusion International Conference  
Chicago, IL, USA, July 2010

295





With Dr. Frederic Dambreville  
and Liu Zhung  
Fusion International Conference  
Chicago, IL, USA, July 2010





At the American Physical Society  
meeting

Caltech, Pasadena, USA, October 2010

297





At the American Physical Society meeting  
Caltech, Pasadena, USA, October 2010





Presenting the 'Unmatter' at  
CalTech, American Physical  
Society meeting

Caltech, Pasadena, USA, October 2010

299







300

Country Life  
Costa Rica, December 2010





Tropical forest

Costa Rica, December 2010





2011



A po(r)tion of poetry,  
at Eminescu's Well.

Bucharest, Romania, May 2011





A mathematical beer in my hometown.

Florentin Smarandache (left),  
Professor Ion Patrascu (right).

Bălcești, Romania, May 2011







Meeting the writer Marian Barbu.

Craiova, Romania, May 2011





With writers Janet Nica  
and Doina Drăguț.

Craiova, Romania, May 2011





With the artist Olga Popescu.

Râmnicu Vâlcea, Romania, May 2011





Launching my book 'Frate cu meridianele si paralele', Vol. 6, at Rm. Vâlcea.

Râmnicu Vâlcea, Romania, May 2011





With Acad. Răzvan Theodorescu.

Râmnicu Vâlcea, Romania, May 2011



With writer Dinu Săraru.

Bucharest, Romania, May 2011







With writers Ion Soare  
and Ion Măldărescu.

Râmnicu Vâlcea, Romania,  
May 2011



312



With writer Constantin Matei.

Craiova, Romania, May 2011



313



Performing 'hora olteneasca'.

Făcăi, Dolj, Romania, May 2011



With Professors Luige Vladareanu  
and Ovidiu Sandru, North Train  
Station in Bucharest.

Bucharest, Romania, May 2011







With Dr. Ovidiu Sandru,  
Romanian Academy Exhibition.

Bucharest, Romania, May 2011



With Dr. Luige Vladareanu,  
Romanian Academy Exhibition.

Bucharest, Romania, May 2011





With photo-reporter Victor Moraru.

Bucharest, Romania, May 2011







With Dr. Geo Stroe, President of the Daco-Romanian Academy.

Bucharest, Romania, May 2011





319

With Dr. Ovidiu Sandru and Dr. Luige Vladareanu.

Bucharest, Romania, May 2011



With writers Elisabeta Kociks  
and Gheorghe Niculescu.

Valea Jiului, Romania, May 2011







With writers Dumitru Velea  
and Gheorghe Niculescu.

Petrosani, Romania, May 2011



With writers Gheorghe Niculescu,  
Eugen Evu, Ion Urda.

Hunedoara, Romania, May 2011





New Mexico Book Award trophy  
at the category Science & Math for  
Algebraic Structures.

November 2011

323







Presentations at the Institute of Mechanical Solids,  
Bucharest, Romanian Academy.

Bucharest, Romania, December 2011



Bucharest, Romania, December 2011

With actor Mihai Smarandache,  
Odeon Theater.







With poet George Anca.

Bucharest, Romania, December 2011



With Prof. Luige Vladareanu,  
Romanian Academy.

Bucharest, Romania, December 2011







Romanian Academy Award for Technical Sciences.

Bucharest, Romania, December 2011





Abstract

In this paper we give a geometric interpretation of the Neutrosophic Set using the Neutrosophic Cube. Distinctions between the neutrosophic set and multivalued fuzzy set are also presented.

## Seminar on Smarandache Notions.

Northwest University  
Department of Mathematics

Xi'an, China, December 2011



Seminar on Smarandache  
Notions.

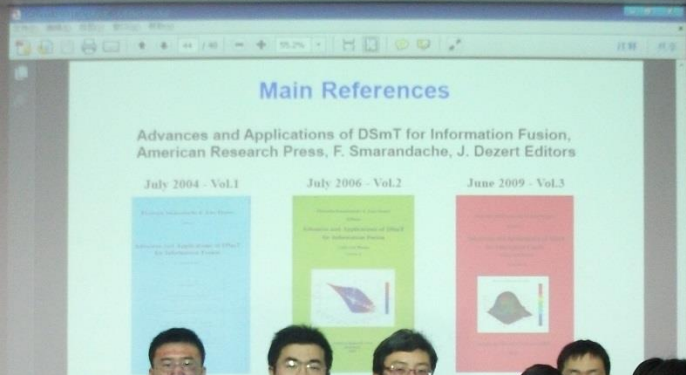
Northwest University  
Department of Mathematics

Xi'an, China, December 2011





ICI  
控制与信息研究所  
Institute of Control & Information



Seminar on Smarandache  
Notions.

Northwest University  
Department of Mathematics

Xi'an, China, December 2011



## Seminar on Superluminal Physics and Instantaneous Physics, and Neutrosophic Physics.

Shanghai Electromagnetic Wave Research Institute, China, December 2011



Smarandache introduced the superluminal and instantaneous physics (domains that study the physical laws at superluminal and respectively instantaneous velocities). Based on a 1972 manuscript, when he was a student in Rm. Valcea, he published in 1982 the hypothesis that 'there is no speed barrier in the universe and one can construct any speed' (<http://scienceworld.wolfram.com/physics/SmarandacheHypothesis.html>).



Professors Rongxia Hao,  
Yanpei Liu,  
Florentin Smarandache,  
Linfan Mao.

Beijing Jiaotong University,  
China, December 2011







2012



The flight to infinity.

Colorado River, North Rim, AZ,  
USA, March 2012

335





Powell Lake, AZ, USA, March 2012

336





Dumont Dunes, CA, USA, March 2012







338

Grant Canyon, AZ, USA, March 2012



339

At the Petrified Forest Han, AZ, March 2012





Mosaic Canyon, CA, USA, March 2012

340





MBA Education Center of the Guangdong University of Technology.

Guangzhou, China, May 2012

341





2012 广州艺术节

玉簪记

白先勇制作、苏州昆剧

Jada Jiaopin by Bai Xianyong



Opera House in Guangzhou.

Guangzhou, China, June 2012

「牡丹亭」是驚天動地之作的磅礴史詩，  
「玉簪記」則是一部精巧雅致的愛情喜劇。

白先勇作詞 白先勇



In my office (812)  
at MBA Education Center of Guangdong University  
of Technology  
Guangzhou, China, May 2012





With Professors Weihua  
Li, Cai Wen, Yang  
Chunyan, and student  
Zhiming Li, at  
Guangdong University of  
Technology.

Guangzhou, China, June 2012







ICAMechS International  
Conference's banquet.

Tokyo, Japan, September 2012





With professors (from United Kingdom) Kevin Warwick (left) and William A. Gruver (right).

ICAMechS International Conference's banquet.

Tokyo, Japan, September 2012



With professor Adrian Olaru,  
Polytechnic University of  
Bucharest.

ICAMechS International  
Conference's banquet.

Tokyo, Japan, September 2012







国立大学法人

東京

農

工

大

学

Tokyo University of Agriculture and Techn  
工 学



At Tokyo University of Agriculture and Technology.

Tokyo, Japan, September 2012









Tokyo, Japan, September 2012



351

New Mexico - Arizona Book  
Award Festivity

Albuquerque, NM, USA,  
November 2012







New Mexico - Arizona Book Award Festivity  
Finalists table: Florentin Smarandache - first in the left  
Albuquerque, NM, USA, November 2012



353

New Mexico - Arizona Book Award Festivity

Florentin Smarandache, winner

Book Award for Science&Math

Albuquerque, NM, USA, November 2012







354

New Mexico - Arizona Book  
Award Festivity

With Paul Rhettis

Albuquerque, NM, USA, November 2012





2013



Dr. George Anca, Dr. Florentin Smarandache, Pusi Dinulescu

Bucharest, Romania, May 2013







International Symposium on Extenics and Innovation Methods.

Florentin Smarandache is on the first row, the third from the right-hand side

Beijing, China, August 2013



Beijing Relativity  
Association.

Beijing, China, August 2013

358





Extenics International  
Conference.

Ovidiu Sandru,  
Cornelia Olaru,  
Florentin Smarandache  
Adrian Olaru

Beijing, China, August 2013







Example of qualitative fusion

$M = \{0, 1\}$  with  $M$ -valued

$L = \{L_1, L_2, \dots, L_n\}$  in  $M$  and  $L_j = \{L_{j1}, L_{j2}, \dots, L_{jn}\}$  in  $M$

Normalized space

Compositional extension

Results are not clear

not for qualitative problems such as induction



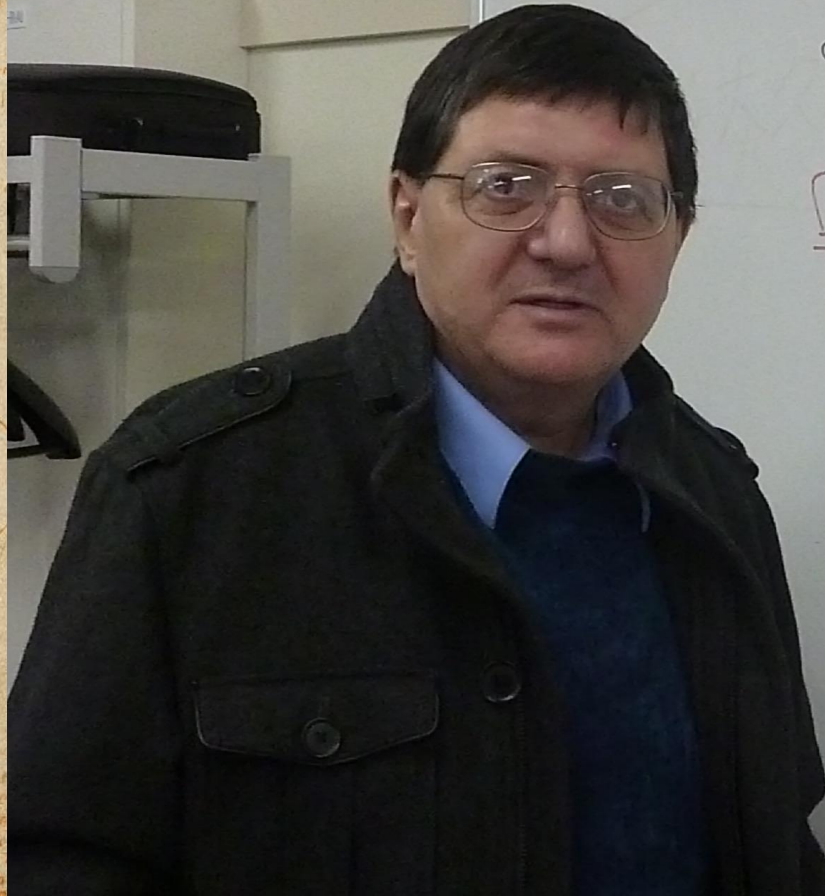


Handwritten text in a cursive script, likely Japanese calligraphy, is visible on the right side of the image. The text is arranged in several lines and appears to be a transcription or a note related to the photograph. There are also some faint circular markings or stamps on the paper.

Smarandache as tono sama  
(Japanese castle owner).

Okayama, Japan, December 2013





$$\mathcal{L}\left\{\int \omega(t) dt\right\} = \frac{1}{s}$$
The diagram illustrates the Laplace transform of an integral. On the left, a step function is drawn. An arrow points to a circuit diagram in the middle, which consists of a voltage source labeled  $U(s)$  connected to a node. Another arrow points to a circuit diagram on the right, which shows a current source. The overall context is the Laplace transform of an integral, which is  $1/s$ .

$$\mathcal{L}\{i\omega(t)\}$$

$$= s \Omega(s)$$

Okayama University of Science  
Electronic Engineering Laboratory.

Okayama, Japan

December 2013



Donating several books on neutrosophics  
and algebraic structures for the Library of  
Okayama University of Science.

Okayama, Japan, December 2013

363





364



Institute of Technological  
Research's lab.

Okayama, Japan, December  
2013





President Yohio Hada of Okayama University of Science (left) and Prof. Valeri Kroumov (right).

Okayama, Japan, December 2013



In front of Okayama  
University of Science's  
main gate.

Okayama, Japan, December 2013





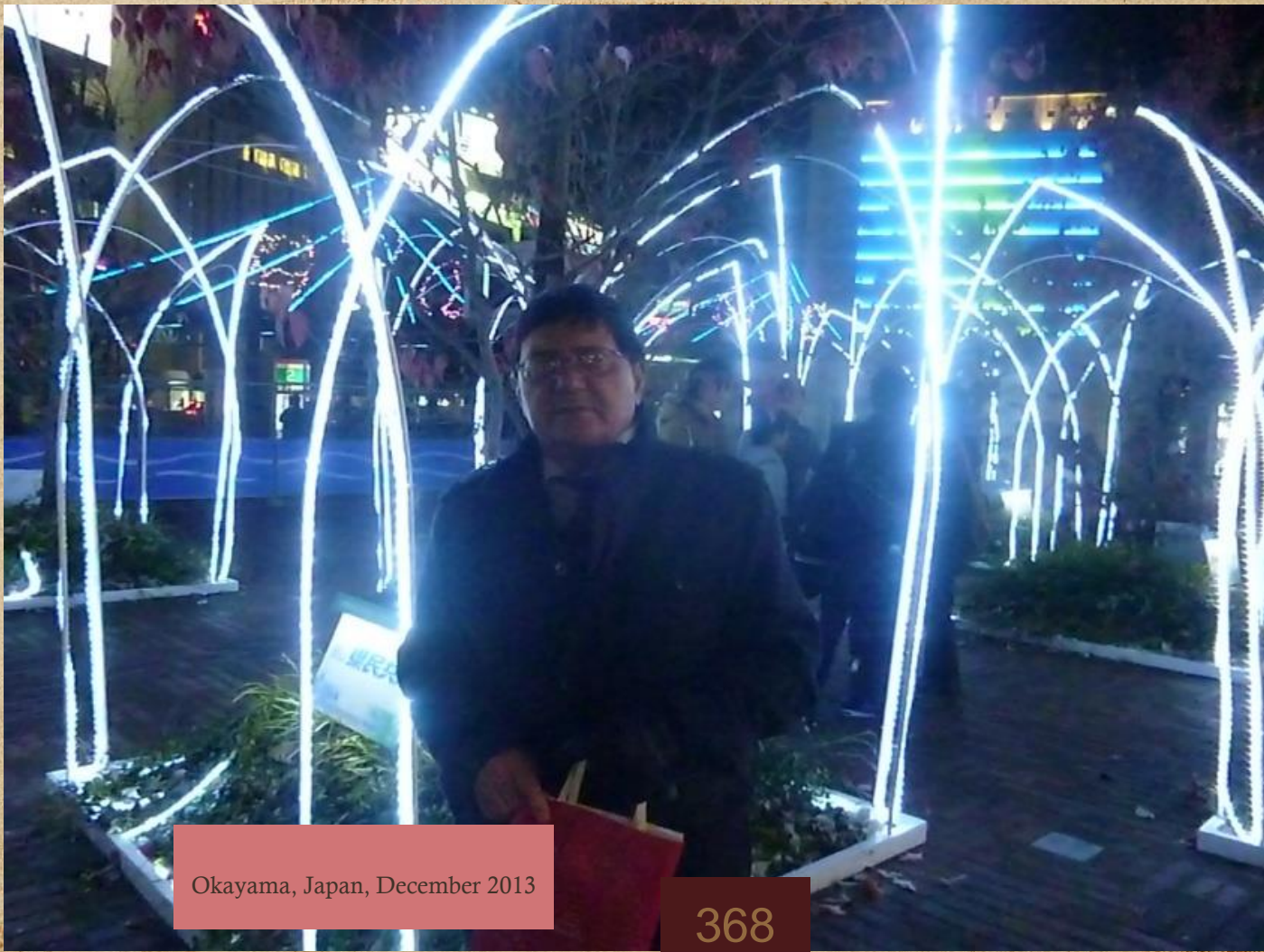
367



Okayama Castle.

Okayama, Japan, December 2013





Okayama, Japan, December 2013





2014



Arriving in Osaka Train  
Station.

Osaka, Japan, January 2014







With Prof. Masahiro  
Inuiguchi and Nuria  
Curos.

At the Golden Pavilyon.

Osaka, Japan, January 2014



Osaka meeting.

An Indonesian student,  
Dr. Valeri Kroumov,  
Prof. Florentin Smarandache,  
Prof. Cornelia Olaru,  
Prof. Adrian Olaru,  
two Asian professors

Osaka, Japan, January 2014





Osaka University

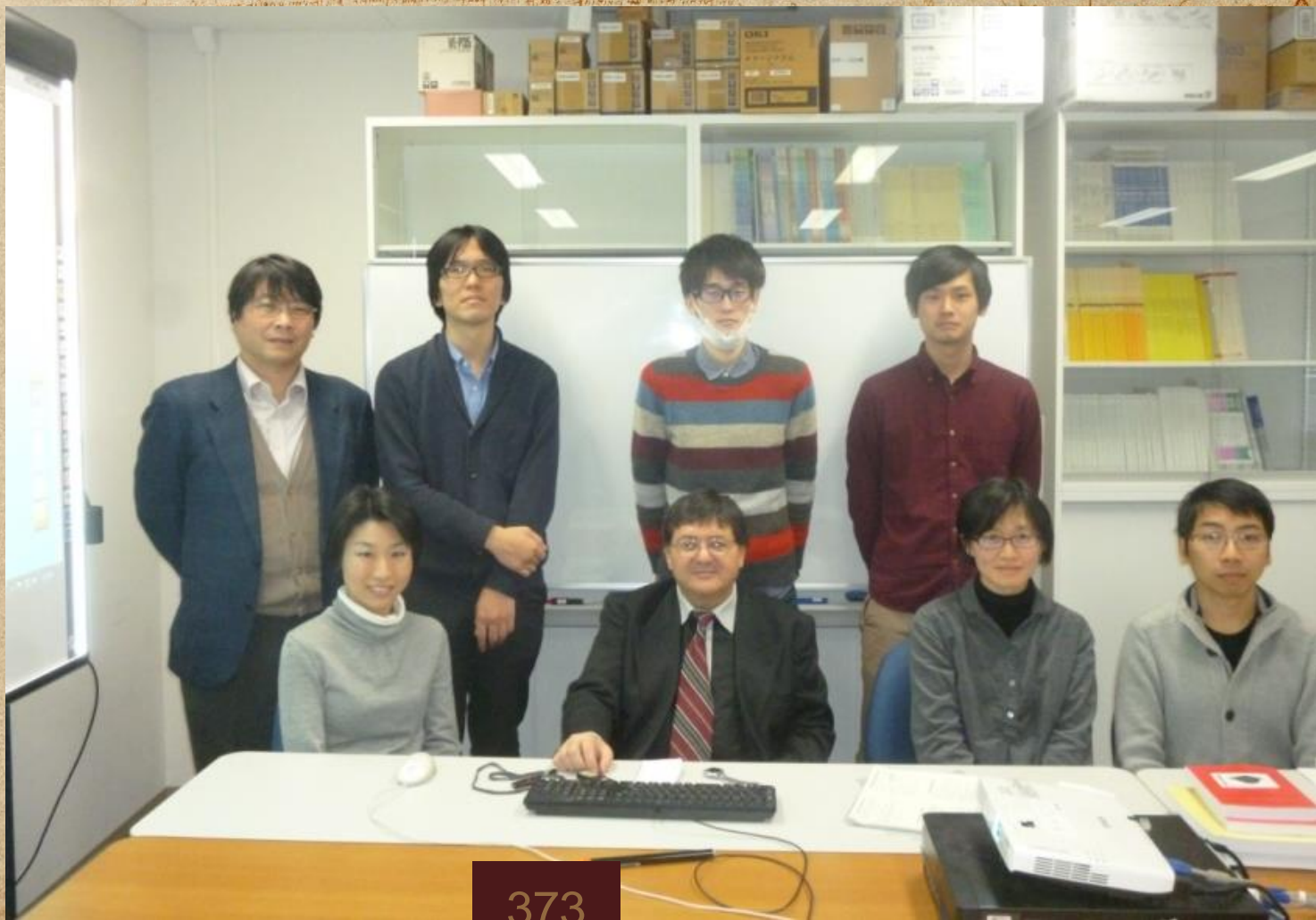
prof. Masahiro Inuiguchi

dr. Yoshifumi Kusunoki

prof. Tomoe Entani,

dr. Masayo Tsurumi

Osaka, Japan, January 2014





With a cobra giboia.

Amazon, Brazil, May 2014

374







Botanical Garden.

Rio de Janeiro, Brazil, May 2014

375



Sao Sebastiao Cathedral.

Rio de Janeiro, Brazil, May 2014







Fishing in Miranda River.

Pantanal, Brazil, May 2014



378

Plaza Mayor, Salamanca, Spain, July 2014





Salamanca, Spain, July 2014

379







Fusion 2014 International  
Conference.

Dr. Javier Montero  
Dr. Florentin Smarandache  
Prof. Francisco Gallego  
Lupianez

Universidad Complutense de Madrid,  
Spain, July 2014



Fusion 2014 International  
Conference.

Dr. Jesus Garcia  
Dr. Florentin Smarandache

Salamanca, Spain, July 2014

381







Fusion 2014 International  
Conference.

Dr. Florentin Smarandache  
Dr. Xinde Li  
Dr. Jean Dezert  
Dr. Albena Tchamova

Salamanca, Spain, July 2014





With Constantin Dinca,  
author and childhood friend.

Bălcești, Romania, August 2014



With journalist Ion Jianu.

Craiova, Romania, August 2014







With philosopher Constantin Barbu.  
Craiova, Romania, August 2014



386

With mathematician Marius Coman.

Bucharest, Romania, August 2014





387



Dr. Ing. Lucian Capitanu,  
Dr. Florentin Smarandache,  
Dr. Ing. Luige Vladareanu.

Bucharest, Romania, August 2014



With writer Mugur Grosu.

Bucharest, Romania, August 2014

388







*[Faint, illegible handwritten text in a cursive script, likely Romanian, on aged paper.]*

With historian George Damian.

Bucharest, Romania, August 2014

*[Faint, illegible handwritten text in a cursive script, likely Romanian, on aged paper.]*



390



Bandelier National Monument, NM, November 2014.





Downtown Albuquerque, NM, USA,  
December 2014.

391





2015



Fusion 2015 International Conference.

Washington DC, USA, July 2015







394

Fusion 2015 International Conference.  
Washington DC, USA, July 2015



395

At Lincoln's Monument  
Washington DC, USA, July 2015





Anthropomorphism.

*Marae Arahurahu*

Pape'ete, Tahiti

Collectivity of French Polynesia

August 2015







Tahitian garland.

Pape'ete, Tahiti

Collectivity of French Polynesia

August 2015



Forbidden fruits.

Atea gardens

Collectivity of French Polynesia

August 2015







Pearls Museum.

Tahiti  
Collectivity of French Polynesia  
August 2015





TIERRA DEL FUEGO  
Más de 10.000 años  
de Historia

# Historia Fuego

Galería Temática

-FUEGIAN HISTORY, thematic galler-

"Ud. puede ser protagonista de un mágico viaje por la historia de Tierra del Fuego"

"You can become part of a magical journey through the history of Tierra del Fuego"

ERNEST SOUQUILLON

R. FITZ ROY, HMS BEAR

YAMANA / YAMANA CANOE

"EL PETISO OMBUDO"

SILVANA, GUERRA DE BIENOS AÏRES

AUDIOGUIA GRATIS FREE AUDIOGUIDE

ES EN PT FR IT DE

400

Meeting an... old friend

Ushuaia, Argentina, December 2015



Living the history of Tierra del Fuego  
Ushuaia, Argentina, December 2015



401





402

At the Ideal pub in Ushuaia, relishing  
Guiso de lentejas and a local beer  
called Beagle.

Ushuaia, Argentina

December 2015



Viorel, Costi and Andrei,  
Romanian shipmen from  
Tulcea and Constanta that I  
accidentally met in Ushuaia

Ushuaia, Argentina  
December 2015

403







On the deck, on Plancius ship.

Ushuaia, Argentina

December 2015





Antarctica, December 2015





Antarctica, December 2015



406





Antarctica, December 2015

407





408

Antarctica, December 2015





2016



At the Institute of Advanced  
Mathematical Studies of Hanoi  
University of Science and  
Technology.

Hanoi, Vietnam, 15 May 2016

410







**Partial Order in Neutrosophics**

We define a partial order-relationship on the neutrosophic set logic in the following way

$x(T, I, F) \leq y(T, I, F)$  iff (if and only if)

$T_x \leq T_y, I_x \geq I_y, F_x \geq F_y$  for crisp components.

And, in general, for subunitary set components:

$x(T, I, F) \leq y(T, I, F)$  iff

$\inf T_x \leq \inf T_y, \sup T_x \leq \sup T_y,$   
 $\inf I_x \geq \inf I_y, \sup I_x \geq \sup I_y,$   
 $\inf F_x \geq \inf F_y, \sup F_x \geq \sup F_y.$

COLLOQUIUM ON  
**STOCHASTIC PROCESSES**  
 2016 | HANOI, VIETNAM

411

Lecture on the Fundamentals of  
 Neutrosophic Sets and Logic, at the  
 Institute of Advanced Mathematical  
 Studies in Hanoi.

Hanoi, Vietnam, 15 May 2016



## Website

Download books, articles, Ph D theses  
on NEUTROSOPHICS from:

<http://fs.gallup.unm.edu/neutrosophy.htm>

SCHOOL ON  
STOCHASTIC PROCESSES  
2016 HANOI, VIETNAM



412

After a lecture on the Fundamentals of Neutrophic Sets and Logic, at  
the Institute of Advanced Mathematical Studies in Hanoi.

Hanoi, Vietnam, 15 May 2016





413

With Roan Thi Ngan, PhD candidate in neutrosophic sets, and professor Bui Cong Cuong, at Vietnam Heritage Tree.

Hanoi, Vietnam, 15 May 2016



A Vietnamese temple.  
Hanoi, Vietnam, 15 May 2016

414





# A DSMT Based System for Writer-Independent Handwritten Signature Verification

Nassim ABBAS<sup>1</sup>, Youcef CHIBANI<sup>1</sup>, Bilal HADJADJI<sup>1</sup>, Zayen AZZOUC OMAR<sup>1</sup>  
nabbas@usthb.dz    ychibani@usthb.dz    bhadjadji@usthb.dz    azzouz-omar.zayen.1@ens.etsmtl.ca

&

Florentin SMARANDACHE<sup>2</sup>  
smarand@unm.edu



<sup>1</sup>Communicating and Intelligent System Engineering Laboratory  
Faculty of Electronic and Computer Science  
University of Sciences and Technology "Houari Boumediene"  
Algers, Algeria



<sup>2</sup>Department of Mathematics  
University of New Mexico  
Gallup, NM 87301, U.S.A.



ICIF 2016

415

International Fusion  
Conference 2016.

Heidelberg, Germany, July 2016



416

International Fusion  
Conference 2016.

With Dr. Dominique Maltès  
and Dr. Jean Dezert

Heidelberg, Germany, July 2016





International Fusion Conference 2016.

Dr. Jean-Philippe Lauffenburger

Heidelberg, Germany, July 2016





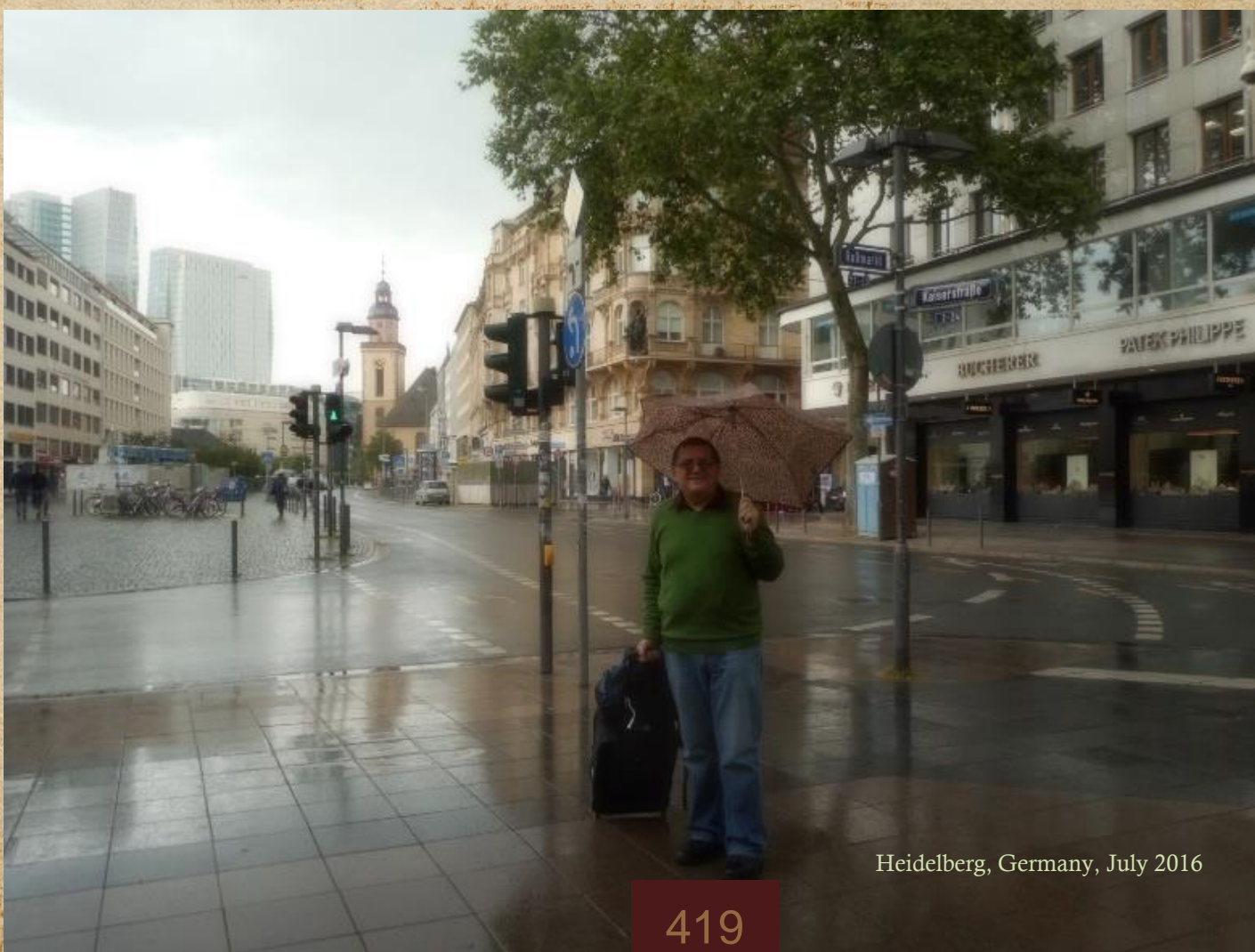


418

International Fusion  
Conference 2016.

With Prof. Tiancheng Le  
Heidelberg, Germany, July 2016





Heidelberg, Germany, July 2016



Heidelberg, Germany, July 2016







UNIVERSITÄT HEIDELBERG  
PHYSIKALISCHES INSTITUT

Philosophenweg.

Physikalisches Institut

Heidelberg, Germany, July 2016



Neckar river, Heidelberg, Germany, July 2016







423

Museum of Technology.  
Speyer, Germany, July 2016



With Professor Azeddine Elhassouny.

Vancouver, Canada, July 2016







IEEE World Congress on  
Computational Intelligence.  
Vancouver, Canada, July 2016



With Professor Slim Belhaiza.

Vancouver, Canada, July 2016





With Professor Plamen Angelov.

Vancouver, Canada, July 2016







428

With Professor Henry Leung.

Vancouver, Canada, July 2016





With Professor Mihai Popescu.  
Vancouver, Canada, July 2016





430

Hydrovion  
seaplane.

Vancouver, Canada,  
July 2016



431



Vancouver, Canada, July 2016





Snorkeling.

Isabela islet, Galápagos Islands  
(part of the Republic of Ecuador),  
December 2016

432



433

Professor Youlu Zheng, from  
Montana University.

Golondrina ship, Galápagos Islands  
(part of the Republic of Ecuador),  
December 2016







434

Fernandina islet, Galápagos Islands  
(part of the Republic of Ecuador), December 2016





435

Fernandina islet, Galápagos Islands  
(part of the Republic of Ecuador), December 2016





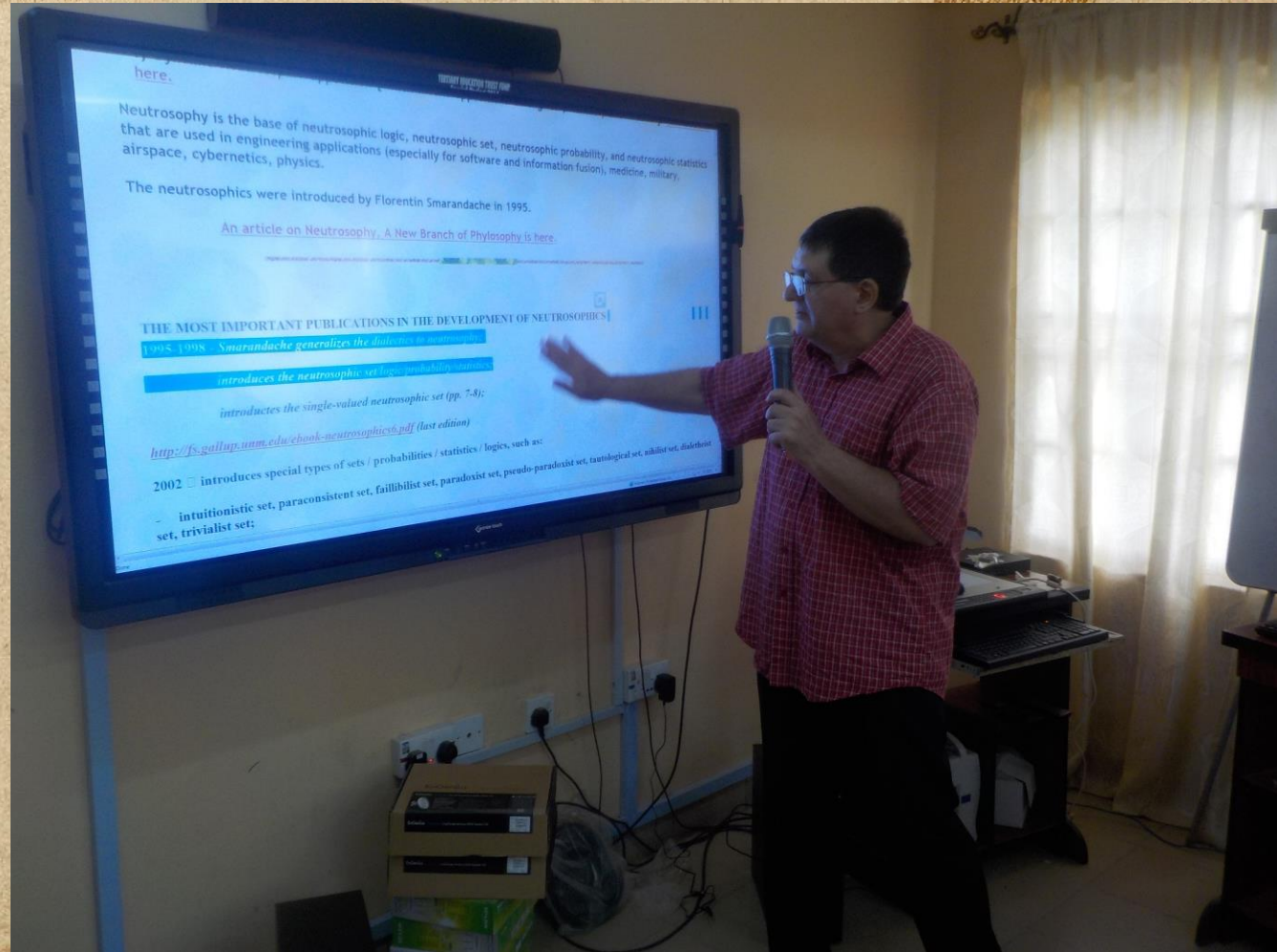
2017



Giving a lecture at the Department of Information and Communication Technology of FUNAAB.

Abeokuta, Nigeria, May 2017

437







438

Participants at a lecture  
given at FUNAAB.

Abeokuta, Nigeria, May 2017



Students at FUNAAB working  
their bachelor in neutrosophics -  
Alabi Blessing Emmanuel,  
Ayorinde Mogbonjubola,  
Awolo Ayomide Elizabeth,  
Awodiya Samuel Ayooluua,  
Adeyemi Ololade Olufunmi.

Abeokuta, Nigeria, May 2017

439







With Dr. Osinuga Idowu Ademola  
(left) and Prof. Temitope G. Jaiyeola  
(right).

University of Ibadan  
Abeokuta, Nigeria, May 2017



With Prof. E. O. Ayoola  
University of Ibadan  
Abeokuta, Nigeria, May 2017

441







With Dr. Adekugbe Akindele O. Joseph (left) and Prof. Temitope G. Jaiyeola (right).

University of Ibadan  
Abeokuta, Nigeria, May 2017

442

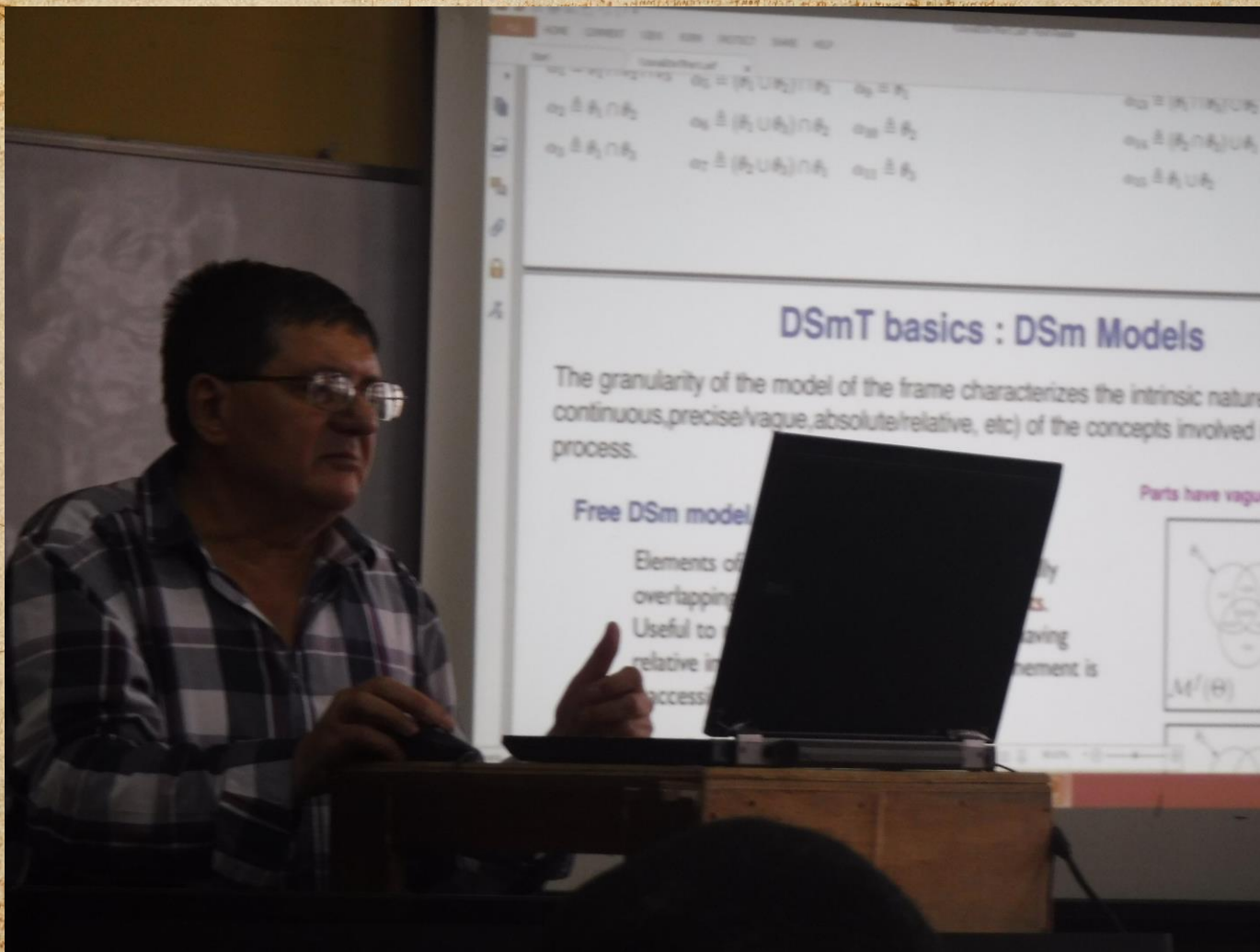


Department of Mathematics, University of Lagos (UNILAG).

Lagos, Nigeria, May 2017







Model	Granularity	Intersection	Union
$M_1$	Continuous	$A_1 \cap B_1$	$A_1 \cup B_1$
$M_2$	Precise/Vague	$A_2 \cap B_2$	$A_2 \cup B_2$
$M_3$	Absolute/Relative	$A_3 \cap B_3$	$A_3 \cup B_3$

## DSmT basics : DSm Models

The granularity of the model of the frame characterizes the intrinsic nature (continuous, precise/vague, absolute/relative, etc) of the concepts involved in the process.

### Free DSm model

- Elements of the model are overlapping
- Useful to model relative independence
- Access to the model is

Parts have vague



Lecturing about Dezert-Smarandache Theory, at UNILAG.

Lagos, Nigeria, May 2017





445

Gifts from FUNAAB offered by Prof. C. O. Eromosele.

Abeokuta, Nigeria, June 2017





Dr. Florentin Smarandache and Dr. Madad Khan.

Abbottabad, Islamic Republic of Pakistan, December 2017



447

Dr. Florentin Smarandache with the  
Director of COMSATS Institute in  
Abbottabad, Dr. Arshed Pervez.

Abbottabad, Islamic Republic of Pakistan,  
December 2017







With Dr. M. Zahid, Dr. Talat Nazir, Dr. Saqib Hussain and Dr. Madad Khan.

Abbottabad, Islamic Republic of Pakistan, December 2017









Dr. Florentin Smarandache and Dr. Mudassar Aslam.

Abbottabad, Islamic Republic of Pakistan, December 2017





451

Florentin Smarandache donates tens of his books  
to the university library

Abbottabad, Islamic Republic of Pakistan, December 2017





452

Dr. Florentin Smarandache  
receiving a distinction from  
Prof. Shahid Khatak, assisted  
by Dr. Madad Khan.

Abbottabad, Islamic Republic of  
Pakistan, December 2017





2018





Dr. Madad Khan, Dr. Florentin Smarandache, Dr. Seoung Dal Jung, Dr. Young Bae Jun.

Jeju Island, South Korea, January 2018

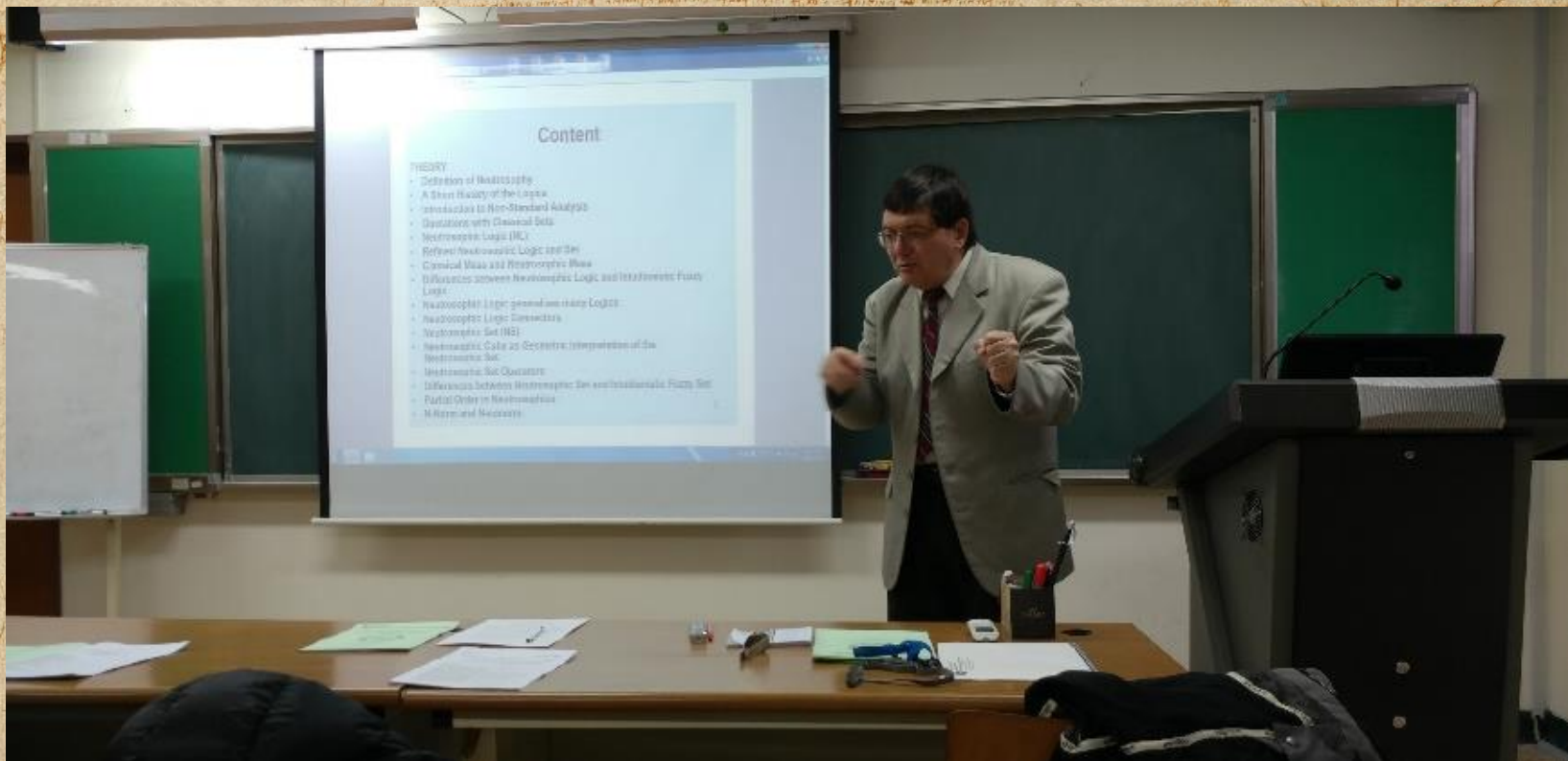




Prepared for a new international conference on Neutrosophics.

Jeju National University, South Korea, January 2018





International conference on Neutrosophics at the Jeju National University.

South Korea, January 2018





International conference on Neutrosophics at the Jeju National University.

With Dr. Hee Sik Kim, Dr. Madad Khan, Dr. Saima Anis, Dr. Sun Shin Ahn, Dr. Eun Hwan Roh, Prof. Seok-Zun Song, PhD students Jung Hoon-Kim, Mi Jeong Kang, Song Yi Tang.

Seoul, South Korea, January 2018





Copenhagen, Kingdom of Denmark, May 2018

458



Copenhagen, Kingdom  
of Denmark, May 2018



459



Copenhagen, Kingdom of Denmark, May 2018





With Prof. Dr. Saeid Jafari.  
Slagelse, Kingdom of Denmark, May 2018



461





462

Slagelse, Kingdom of Denmark, May 2018



Tundra seen through binoculars.  
Kangerlussuaq, Greenland, May 2018



463



A monument dedicated to  
Knud Johan Victor Rasmussen,  
Danish explorer, anthropologist  
and ethnologist

Ilulissat, Greenland, May 2018

464







Ole Gamst-Pedersen,  
director of the Ilulissat Art  
Museum.

Ilulissat, Greenland, May 2018

465





466

Iceland, June 2018





467

Iceland, June 2018



Luz Rosa Estrella, Deputy Rector for International Relations; Dr. Edgar Rojas, research director; Magdalena Cruz, vice-rector; Jovann Rodriguez, vice-rector; Dr. Edgar E. Rojas, director of scientific investigations and dissemination; Dr. Vladimir Estrada, Director of the University of Formative Research. Universidad Abierta Para Adultos (UAPA - Educación superior a distancia virtual)

Santiago de Los Caballeros, Dominican Republic, July – August 2018

468





469

Fundamentos de la lógica y los conjuntos neutrosóficos: metodología de la investigación y oportunidad de publicaciones

Universidad Abierta Para Adultos  
(UAPA - Educación superior a distancia virtual)

Santiago de Los Caballeros, Dominican Republic, July – August 2018







470

With Dr. Daniel Espinal.

HOMS Hospital

Santiago de Los Caballeros, Dominican  
Republic, July – August 2018





King Abdulaziz University.

Jeddah, Kingdom of Saudi Arabia, December 2018





With Prof. Dr. Marwan Kutbi and Prof. Dr. Hamid Alsulami.  
Jeddah, Kingdom of Saudi Arabia, December 2018





Dinning with my friend Cenap Ozel, from King Abdulaziz University.

Kingdom of Saudi Arabia, December 2018



474

Neutrosophic tourist.  
Medina, Kingdom of Saudi  
Arabia, December 2018







Seminar „History of Neutrosophic Set and Logic and their Applications”, at the King Abdulaziz University.

Jeddah, Kingdom of Saudi Arabia, December 2018





Torre de Belém.

Lisbon, Portuguese Republic, December 2018

476





2019





Bogotá, Republic of Colombia, July 2019





VIGILADA MINEDUCACIÓN



POSGRADOS  
Escuela de Estudios  
Superiores e Investigaciones

479

## SUSTENTACIÓN TRABAJO DE INVESTIGACIÓN Maestría en Ingeniería Industrial

Sistema experto probabilístico  
neutrosófico para selección de  
estrategias en la gestión del riesgo  
en la cadena de suministro.

**Sustenta:**

Rafael Hernán Rojas Gualdrón

**Director:**

MSc. Carlos Eduardo Díaz Bohórquez

**Codirector:**

PhD. Florentin Smarandache.

**Calificadores:**

PhD. Ciro Alberto Amaya Guio

PhD. Henry Lamos Díaz



Agto. 06



Sala Zoom



3:00 p.m.



[posgradosindustrial@uis.edu.co](mailto:posgradosindustrial@uis.edu.co)

Posgrados.eeie.uis



With Rafael Rojas

Bogotá, Republic of Colombia, July 2019

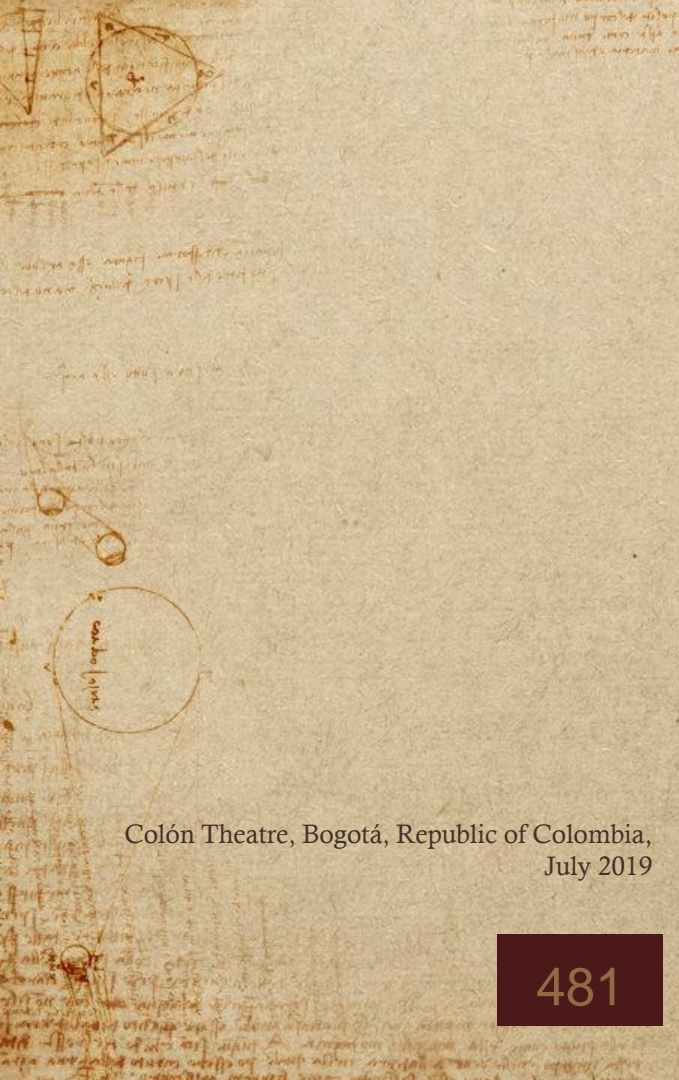


480



Botanical Garden, Bogotá,  
Republic of Colombia, July 2019





Colón Theatre, Bogotá, Republic of Colombia,  
July 2019

481





„Historia de la Teorías Neutrosóficas y sus Aplicaciones” Conference

Ciclo de Seminarios de Ingeniería Industrial (CSII)

Los Andes University, Bogotá, Republic of Colombia, July 2019

60%    0%    40%

T    I    F

A, neut A, anti A

40h

40h

$$m(\text{jose}) = \frac{40}{40} = 1$$

Rafael 42h

$$m(\text{Rafael}) = \frac{42}{40}$$

[0, 1]





Statue of Mario Laserna Pinzón,  
fundador distinguido de la Universidad  
de los Andes in 1948.

Bogotá, Republic of Colombia, July 2019







484

With Dr. Mario Castillo, Dr. Camilo Franco, Dr. Ciro Amaya, Drd. Luis Gomez,  
Drd. Felipe Ramirez, and the students in industrial engineering Cesar Rojas,  
Daniel Restredo, Sofia Escobar

Los Andes University, Bogotá, Republic of Colombia, July 2019

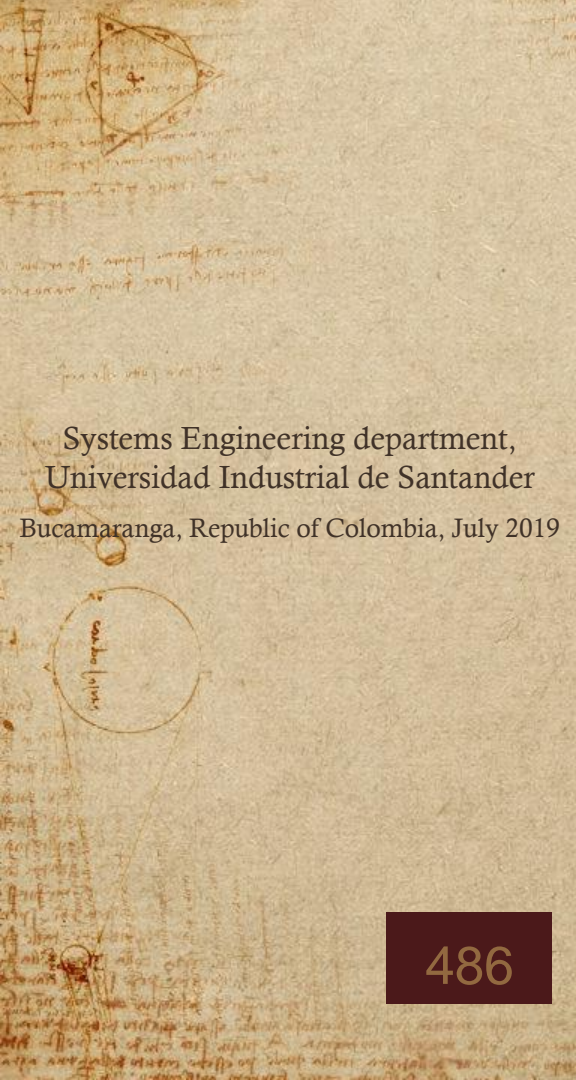




485

Universidad Nacional  
de Columbia, Bogotá,  
Republic of Colombia,  
July 2019





Systems Engineering department,  
Universidad Industrial de Santander  
Bucamaranga, Republic of Colombia, July 2019







With Professor Henry Lamos Diaz  
Systems Engineering department,  
Universidad Industrial de Santander  
Bucaramanga, Republic of Colombia, July 2019





With the professors from OPALO Group (Grupo de Investigación en Optimización)

Bucamaranga, Republic of Colombia, July 2019





Systems Engineering  
department, Universidad  
Industrial de Santander  
With MA students that  
presented their projects  
Bucaramanga, Republic of  
Colombia, July 2019





490

With professor Carlos  
Eduardo Diaz  
Bohorquez.

Bucaramanga, Republic of  
Colombia, July 2019



Santa Barbara temple.

Socorro, Republic of Colombia, July 2019







2020





# INTERNATIONAL JOURNAL OF NEUTROSOPHIC SCIENCE

Volume 8, 2020

Editor in Chief: Broumi Said & Florentin Smarandache

ISSN: 2690-6805



Dr. Said Broumi, co-editor in Chief  
of the academic journal International  
Journal of Neutrosophic Science

Laboratory of Information  
Processing, Faculty of Science Ben  
M'Sik, University of Hassan II,  
Casablanca, Morocco



PUBLISHED BY  
UNIVERSITY OF NEW MEXICO AND  
NEUTROSOPHIC SCIENCE  
INTERNATIONAL ASSOCIATION.

VOL 01  
2018



Dr. Maikel Leyva-Vázquez, co-editor  
in Chief of the academic journal  
Neutrosophic Computing and  
Machine Learning (NCML)

Instituto Superior Tecnológico  
Bolivariano de Tecnología, Ecuador

494

# NEUTROSOPHIC COMPUTING AND MACHINE LEARNING

ISSN 2574-1101 (ONLINE)  
ISSN 2574-1098 (PRINT)



# Neutrosophic Sets and Systems

Special Issue: *Social Neutrosophy in Latin America*,  
Vol. 34, 2020

(PRINT)

ISSN 2331-6055

(ONLINE)

ISSN 2331-608X



Florentin Smarandache · Mohamed Abdel-Basset  
Maikel Leyva Vazquez  
**Editors-in-Chief**



Dr. Mohamed Abdel-Basset, co-editor  
in Chief of the academic journal  
Neutrosophic Sets and Systems, an  
International Journal in Information  
Science and Engineering

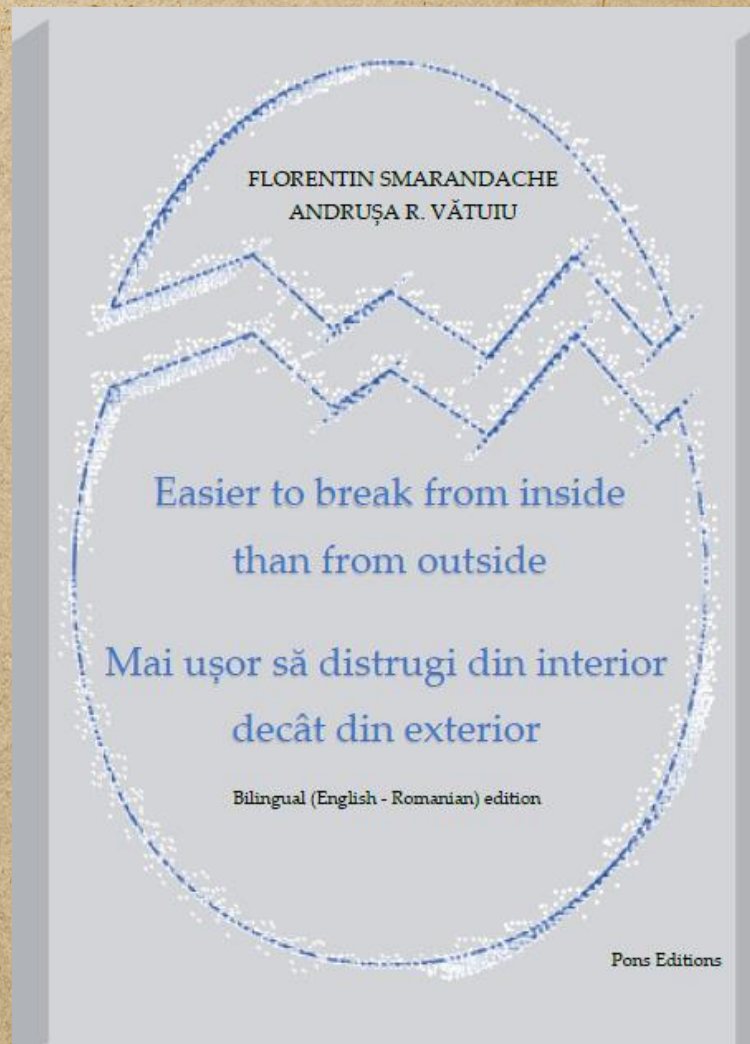
Head of Department of Computer  
Science, Faculty of Computers and  
Informatics, Zagazig University,  
Egypt





Andrușa R. Vătuiu, coauthor of the book *Easier to break from inside than from outside* / *Mai ușor să distrugi din interior decât din exterior*

496



Pons Editions





With Tatiana Andrea Castillo Jaimes, PhD student  
in Systems Engineering at Universidad de Chile

SCL- Merino Benites International Airport

Santiago de Chile, Republic of Chile, March 2020



498

With Eduardo Lara, PhD student  
in Systems Engineering at  
Universidad de Chile

La Moneda Palace

Santiago de Chile, Republic of Chile,  
March 2020







499

Santiago de Chile, Republic of Chile, March 2020





500

Botanical Garden

Santiago de Chile, Republic of Chile,  
March 2020







501

Torre Sky Costanera

Santiago de Chile, Republic of Chile, March 2020



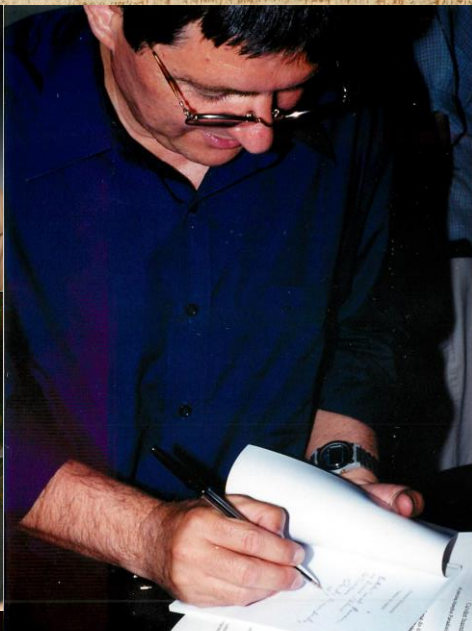


502



THE UNIVERSITY of  
NEW MEXICO





This is a photoalbum of life sequences impicturing different scientific and cultural activities and performances of Dr. Florentin Smarandache, professor of mathematics at the University of New Mexico.