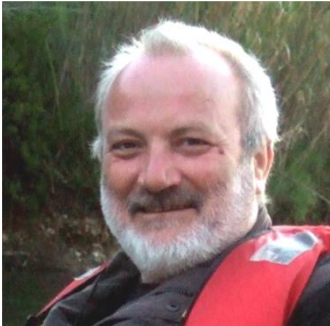


# Curriculum Vitae

August 2016

**THANOS N. STASINOPOULOS** MArch AAGradDipl PhD TEE



## Profile

A professional designer and built environment scholar of international calibre, Dr. Stasinopoulos studied Architecture at the National Technical University of Athens and soon after joined his school as Assistant Lecturer on Geometric Visualization, which he taught for over two decades. His postgraduate studies in London at the Architectural Association Energy Course developed new insights into the links between architecture and nature that guided his further academic and professional track.

With green design as his major expertise, he has taught at seven different schools in four countries and has organized numerous international workshops. Most of his research work focuses on solar energy in architecture (including a PhD correlating building geometry and solar radiation) and has drawn the attention of academics and practitioners, leading to lecture invitations in Greece and overseas.

In parallel to academic work, he has been involved with many architectural projects as registered architect, including several examples of research by design. His creative activities have expanded to interior & furniture design, along with a considerable occupation with visual arts. A keen computer user since the dawn of PC era, he has mastered a wide range of software applications.

After many years of amassing knowledge and skills, he is currently seeking a dynamic environment that appreciates creative ideas, where he could fruitfully utilize his wide-ranging expertise.

*Name*                    *Thanos (Athanasios) N. Stasinopoulos [TNS]*  
*Born*                     *Athens, 14.3.1952*  
*Languages*           *Greek (native), English (fluent), French (basic), Italian (basic), German (limited)*  
*Family status*       *Married, no children*  
*Address*               *Laskou 30, GR-15669 Papagou, Athens, Greece*  
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*Skype name*          *delaxos .*

## Qualifications

- Ph.D. in Architecture, School of Architecture National Technical University of Athens [NTUA], 1999
- Graduate Diploma, Energy Course, Architectural Association Graduate School, 1986
- Technical Chamber of Greece [TEE] professional accreditation, 1975
- Diploma in Architecture, School of Architecture NTUA, 1975.

## Employment history

### Academic

- 2013- Assistant Professor, Department of Architecture, *Izmir University of Economics*, Turkey
- 2012-13 Visiting Assistant Professor, Department of Architecture, *Frederick University*, Nicosia
- 2007-11 Visiting Assistant Professor, Department of Architecture, *University of Patras*
- 2005-08 Invited Tutor, EUREC Master course, *University of Athens*
- 2002-05 Visiting Assistant Professor, Department of Buildings Restoration & Renovation, *Technological Educational Institute [TEI] of Patras*
- 1993-99 Visiting Lecturer, *Architectural Association* Energy Course, London
- 1985-88 Teaching & research assistant, *Architectural Association* Energy Course, London
- 1984-85 Postgraduate studies, *Architectural Association* Energy Course, London
- 1978-2013 Assistant lecturer (tenure), School of Architecture, *NTUA*

### Professional practice

- 1993- Private architectural practice, Athens
- 1988-93 Architectural partnership with L.Giannouloupoulos & M.Teske, Athens
- 1987-88 Furniture design & production with *Group III*, Athens
- 1983-84 Furniture design & production with *Group 5+1*, Athens
- 1978-84 Architectural partnership with L.Giannouloupoulos, Athens
- 1977-78 Assistant Architect, P.Klonaridis architectural office, Athens
- 1972-74 Junior Assistant, S.Stamatopoulos interior design office, Athens [as student]

## Academic employment & subjects

### **Department of Architecture, Izmir University of Economics, Turkey** (Assistant Professor – full time, 2013-now)

- Architectural Design (2<sup>nd</sup> year) (2 semesters)
- Architectural Environmental Control Systems (3<sup>rd</sup> year) (3 semesters)
- Sustainability in Architecture (3<sup>rd</sup>-4<sup>th</sup> year) (2 semesters)
- Graduate Project (4<sup>th</sup> year) (1 semester)
- Building Construction Project (3<sup>rd</sup> year) (1 semester)
- Architectural Construction and Materials I & II (2<sup>nd</sup> year) (2 & 3 semesters)
- Advanced Structural Details in Architecture Design (3<sup>rd</sup> year) (3 semesters)
- Dynamic Structural Analysis (2<sup>nd</sup> year) (1 semester).

### **School of Architecture, National Technical University of Athens** (Assistant Lecturer - tenured, 1978-2013)

- Geometric Visualization of Space: Descriptive Geometry, Perspective, Sciagraphy, Computer Graphics (1<sup>st</sup> to 3<sup>rd</sup> year), 1978-2002
- Bioclimatic Design, 1998-2004 [post-graduate]
- Urban Design (5<sup>th</sup> year), 2002-12
- Special Topics on Environmental Planning 8: Environment-Landscape-Architecture (4<sup>th</sup> year), 2003-10
- Architectural Design Studio 8A: architecture of outdoor public spaces in urban and natural sites (4<sup>th</sup> year), 2011-13
- Architectural Synthesis 7 & 8: multiple use public building (4<sup>th</sup> year), 2003, 2011
- Architectural Design Studio 6A: object for everyday use (3<sup>rd</sup> year), 2009-10.

**Department of Architecture, Frederick University, Cyprus (Visiting Assistant Professor, 2012-13)**

- Architectural design of non-conventional structures (4<sup>th</sup> year)
- Energy Design and Sustainability (4<sup>th</sup> year)
- Special Topics of Energy and Sustainability (4<sup>th</sup> year).

**Department of Architectural Engineering, University of Patras (Visiting Assistant Professor, 2007-11)**

- Sustainable Design (4<sup>th</sup> year), 2010-11
- Bioclimatic Energy Design (3<sup>rd</sup> year), 2007-10
- Environment & Design (2<sup>nd</sup> year), 2008-10
- Architecture in Extreme Conditions (4<sup>th</sup> year), 2009.

**EUREC Master course, University of Athens (Invited Tutor, 2005-08) [post-graduate]**

*The European Master course on Renewable Energy was organized by EUREC [European Renewable Energy Research Centres Agency] for architects and other specialties. Part of the course titled 'Energy and Environmental Design of Buildings' was conducted in 2005, 2006, 2008 by University of Athens under Prof. Mat Santamouris.*

- Principles of Bioclimatic Design
- Integrated Design
- Solar Building in Practice.

**Department of Buildings Restoration & Renovation, Technological Educational Institute [TEI] of Patras (Visiting Assistant Professor, 2002-05)**

- Architectural Design 2 (3<sup>rd</sup> year)
- Theory of Design (3<sup>rd</sup> year)
- Energy Design in Buildings (3<sup>rd</sup> year).

**Sustainable Environmental Design Programme, Architectural Association Graduate School [post-graduate]**

- Teaching assistant, 1985-88
- Visiting lecturer / research assistant, 1993-1999
- Organizer of 6 workshops in Greece, 1997-2005.

**Contribution to workshops [# organized by TNS]**

- *Ecoweek 2016*, Agios Nikolaos, Crete, July 2016
- *One Planet Living*, Izmir University of Economics, November 2015 #
- *Regeneration*, Özyeğin University, Imbros/Gökçeada, 2015
- *Ecoweek 2013*, Istanbul, November 2013
- *Ecoweek 2011*, Athens, December 2011
- *The 4 Elements of Aegean Architecture 2010*, Notre Dame University, Tinos-Mykonos May 2010 #
- *Sustainable street furniture*, Notre Dame University, Lebanon, November 2009
- *The 4 Elements of Aegean Architecture 2009*, Patras School of Architecture, Tinos, January 2009 #
- *The 4 Elements of Aegean Architecture 2008*, Notre Dame University + Patras School of Architecture, Santorini, May 2008 #
- *Environmentally sustainable design*, Notre Dame University, Lebanon, April 2007
- *The 4 Elements of Santorini Architecture 2005*, Architectural Association + Notre Dame University + NTUA School of Architecture, Santorini, April 2005 #
- *The 4 Elements of Santorini Architecture 2004*, Architectural Association + Texas A&M University + NTUA School of Architecture, Santorini, April 2004 #
- *Sustainable intervention in downtown Jouneh*, Notre Dame University, Lebanon, January 2003
- *The 4 Elements of Santorini Architecture*, Architectural Association + NTUA School of Architecture, Santorini, April 2001 #
- *Sustainable intervention in Central Athens*, Architectural Association + NTUA School of Architecture, Athens, January 2000 #
- *Sustainable intervention in Central Athens*, Architectural Association + NTUA School of Architecture, Athens, January 1999 #
- *Sustainable intervention in Central Athens*, Architectural Association + NTUA School of Architecture, Athens, December 1997 #
- *Bioclimatic Architecture*, ATKO professional training course, Athens, spring 1992.

## Publications

### Book contributions

- Contribution to Butera F. *Energy Efficient Neighbourhoods: a Planning Guide*, 2016 (chapter 7 on 'Good practices case studies') [ongoing]
- T. N. Stasinopoulos, 'The Four Elements of Santorini Architecture: Lessons in Vernacular Sustainability' chapter in W. Weber and S. Yannas (eds.), *Lessons from Traditional Architecture*, Routledge, UK 2013 (ISBN 1844076008).
- T. N. Stasinopoulos, competition entries appraisal in Vandoros A. (ed.), *Piraeus Tower 2010 –Changing the Face/Facades Reformation*, greekarchitects.gr, Athens 2010 [in Greek & English].
- Contribution to Yannas S., *Solar Energy and Housing Design*, Architectural Association, London 1993 (ISBN 1870890450).
- Contribution to Yannas S., *Design of educational buildings*, Architectural Association, London 1995 (ISBN 0952570300).
- T. N. Stasinopoulos, awarded project report in M. Karavasili (ed.), *Greek Housing 2000 Pan-Hellenic Architectural Competition on Ecological Housing*, Greek Ministry of Environment, Planning & Public Works, Athens 1999 [in Greek & English].

### Conference papers and academic journal articles

- Conference paper: T. N. Stasinopoulos, *The need for architectural materialism*. Proceedings of the 31st Passive and Low Energy Architecture [PLEA] Conference 'Architecture in (R)Evolution', Bologna 2015 (ISBN 978-88-941163-0-4).
- Conference paper: T. N. Stasinopoulos, *Assessing building form through Envelope-to-Volume ratio*. Proceedings of the 27th Passive and Low Energy Architecture [PLEA] Conference 'Architecture and Sustainable Development', Louvain-la-Neuve 2011, pp 241-246 (ISBN 2874632767).
- Conference paper: T. N. Stasinopoulos, *Blending Green & Black - a proposal for Athens*. Proceedings of the 3rd Passive and Low Energy Cooling [PALENC] Conference, Rhodes 2010 (CD only).
- Conference paper: T. N. Stasinopoulos, *The Four Elements of Santorini Architecture: Lessons in Vernacular Sustainability*. Proceedings of the 23rd PLEA Conference 'Clever Design, Affordable Comfort', Geneva 2006, vol.2 pp 73-78 (ISBN 2940156301).
- Conference paper: T. N. Stasinopoulos, *Sustainable architecture teaching in non-sustainable societies*. Proceedings of the 22nd PLEA Conference 'Environmental Sustainability: The Challenge of Awareness in Developing Societies', Lebanon 2005, vol.2 pp 855-858 (ISBN 9953418691).
- Conference paper: T. N. Stasinopoulos, *Solar Irradiation Graphs - a tool to assess solar irradiation at any direction*. Proceedings of the 1<sup>st</sup> PALENC Conference, Santorini 2005, vol.1 pp 393-296 (ISBN 9608815347).
- Conference paper: T. N. Stasinopoulos, *Neglected Aspects of Solar Input through the Building Envelope*. Proceedings of the PLEA 2002 Conference 'Design with the Environment', Toulouse 2002, pp 651-655.
- Article: T. N. Stasinopoulos (2002), 'Sunny walls vs sunnier roofs: A study on the advantages of roofs for solar collection', *Environmental Management & Health*, vol. 13 no. 4 pp 339-347, Emerald 2002 (ISSN: 0956-6163).
- Conference paper: T. N. Stasinopoulos, *Sunny walls vs. sunnier roofs: A study on the advantages of roofs for solar collection*. Proceedings of the PLEA 2001 Conference 'Renewable Energy for a Sustainable Development of the Built Environment', Florianopolis, Brazil 2001, vol.1 pp 71-74 (ISBN 8590133249).
- Conference paper: T. N. Stasinopoulos, *Form Insolation Index*. Proceedings of the 15<sup>th</sup> PLEA Conference 'Environmentally Friendly Cities', Lisbon 1998, pp 563-566 (ISBN 1873936818).
- Conference paper: T. N. Stasinopoulos, *Twenty Years After - A Critical Review of Solar Architecture between 1973-93*. Proceedings of the International Solar Energy Society ISES Solar World Congress 'Harmony with Nature', Budapest 1993.
- Conference paper: T. N. Stasinopoulos, *Effects of the Poor Application of Thermal Insulation Code - A Common Example*. Proceedings of the 4<sup>th</sup> National Conference 'Soft Energy Forms', Xanthi, Greece 1992 [in Greek, w. English summary].
- Conference paper: T. N. Stasinopoulos, *OSCAR: A Computer Program for Shading Study of Openings*. Proceedings of the 2<sup>nd</sup> National Conference 'Soft Energy Forms', Thessaloniki 1985, vol. A pp 15-20 [in Greek].
- Conference paper: T. N. Stasinopoulos, *SCIA: A Computer Program for Drawing the Shadow of Building Volumes*. Proceedings of the 2<sup>nd</sup> National Conference 'Soft Energy Forms', Thessaloniki 1985, vol. A pp 21-24 [in Greek].

### **Magazine articles**

- 'Green streets in the city', *Mediterranean-SOS*, issue 68, July-September 2010, Athens [in Greek]
- 'Reflections on Sustainability', *Building Green*, issue 15, April-June 2010, Athens [in Greek]
- 'Leveling': 28 monthly articles on assorted architectural topics in the web magazine *greekarchitects.gr*, 2009-12, Athens [in Greek, some in English]
- 'When will architecture look at future in the eyes?', *Architektones* [Greek Architects Association magazine], issue 73/2009 [in Greek]
- 'On tall buildings', written interview in *greekarchitects.gr* web magazine, 18 December 2008 [in Greek]
- 'When will architecture look at future in the eyes?', *Architecture as Cultural Commodity*, special booklet for Architecture Week 2008, *greekarchitects.gr* [in Greek]
- 'Re-shaping The City', *Architektones*, issue 16/1999, Athens [in Greek]
- 'EXPO 98: Outdoor Space & Microclimate', *Architektoniki Antilipsi*, issue 18/1998, Athens [in Greek]
- 'Shop Metal Deck' (about a TNS project), *Yli & Ktirio*, issue 20/1995, Thessaloniki [in Greek]
- 'Captain's House' (about a TNS project), *ENA*, issue 45/3.11.88, Athens [in Greek]
- 'Architektura Santorini' (text by Pantelis Xagoraris with photos by TNS), *Projekt*, issue 1/1987, Warsaw [in Polish & English]
- 'Cyclades Vernacular Architecture', (text by Ifigenia Velissariou with photos by TNS), *Furniture & Light*, issue 7/1982, Athens [in Greek].

### **Course notes**

- 'Towards a Sustainable City - Environmental Aspects of Urban Design (Part 1)', course notes, NTUA School of Architecture, Athens 2003 [in Greek]
- 'Energy Design in Buildings', course notes, Dept. of Building Restoration & Renovation, TEI Patras 2002 [in Greek]
- 'Solar Geometry Illustrated', post-graduate course notes, AA Graduate School, 1985 w. revisions up to 1998
- 'Solar Control Illustrated', post-graduate course notes, AA Graduate School, 1986 w. revisions up to 1998
- 'Solar Access Illustrated', post-graduate course notes, AA Graduate School, 1987 w. revisions up to 1998
- 'Solar Radiation Illustrated', post-graduate course notes, AA Graduate School, 1987 w. revisions up to 1998
- 'Santorini - A brief introduction', course notes, Dept. of Architecture NTUA, Athens 1989-98 [in Greek; also English version for AA Graduate School students, 1993] [more]
- 'Sciagraphy in Perspective', course notes, NTUA School of Architecture, Athens 1992 [in Greek]
- 'Geometric Visualization', course notes on assorted topics, NTUA School of Architecture, Athens 1998 [in Greek]

### **Other academic works**

- 'Geometric Forms & Insolation – An analytical study of the influence of shape on solar irradiation', PhD dissertation, NTUA School of Architecture, Athens 1999 [in Greek, w. English summary]
- 'Solar irradiation distribution on a dome in Athens', research work posted in the web, 2002
- 'Optimum shading device - An AutoCAD Application', computer algorithm posted in the web, 2000
- 'Solar Envelope - An AutoCAD application', computer algorithm posted in the web, 2000
- 'Theta – a solar heating system for industrial buildings', report, 1997 [in Greek]
- 'Balconies as Shading Devices - A study for apartment blocks in Athens', post-graduate paper, AA Graduate School, London 1985
- 'OSCAR - Openings Shading Calculation And Representation - A tool for computer aided shading design', post-graduate paper, AA Graduate School, London 1985
- 'SCIA - Shading Computation In Architecture - A computer tool for sciagraphy', post-graduate paper, AA Graduate School, London 1985
- 'Glazing Size & Heating Needs - An investigation with Method 5000 for London', post-graduate paper, AA Graduate School, London 1985.

### **Public lectures**

- Keynote lecture, "Transient people – transient architecture" at 'Ecoweek 2016' seminar, Agios Nikolaos, Crete, 4 July 2016.
- Presentation "The need for architectural materialism", Trans\_arch\_edu, Izmir University of Economics, 2015
- Lecture "Pills or diet? - Green technology vs. sustainability", Izmir University of Economics, 2014
- Keynote lecture, "The genie and other illusions" at 'GreenAge III' conference, Istanbul, 16 April 2015.

- Keynote lecture, *"Pills or diet? - Green technology vs. sustainability"* at 'Ecoweek 2013' seminar, Istanbul, 18 November 2013.
- Keynote lecture, *"Green vs. Black - Cool Urban Design in Athens"* at 'Ecoweek 2011' seminar, Athens, 16 December 2011.
- Invited speaker, *"Pills or diet? - Green technology and sustainable prudence"* at 'Meeting for Design', Athens, 28 May 2011.
- Keynote lecture, *"A green red house near Athens"* at 'Ecoweek 2010' seminar, Athens, 16 March 2010.
- Invited speaker, *"When will architecture look at future in the eyes?"* at special forum of Nea Ionia citizens association, Athens, 5 February 2009.
- Keynote lecture, *"When will architecture look at future in the eyes?"* at the event 'Architecture Week', Thessaloniki, 1 October 2008
- Invited speaker, *"The Four Elements of Santorini Architecture - Lessons in Vernacular Sustainability"* at University of Patras, 21 May 2008.
- Invited speaker, *"Looking to the future through the rear mirror"* at Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil, 20 November 2007
- Invited speaker, *"The Oil Barrel Project"* at Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil, 20 November 2007.
- Keynote lecture, *"The Four Elements of Santorini Architecture - Lessons in Vernacular Sustainability"* at Encuentro Latino-Americano sobre Edificaciones y Comunidades Sustentables [ELECS] 2007 conference, Campo Grande, Brazil, 13 November 2007.
- Keynote lecture *"The quest for future-friendly design"* at ELECS 2007 conference, Campo Grande, Brazil, 12 November 2007.
- Invited speaker, *"Towards a hangover architecture - sustainable design in the post-consumerist future"* at Notre Dame University, Lebanon, 26 April 2007.
- Invited speaker, *"Sustainable: Can be or cannot be, that is the question"* at Notre Dame University, Lebanon, 24 April 2007.
- Invited speaker, *"Sailing upwind to avoid the reef (Teaching sustainable architecture)"* at Architectural Association symposium on Sustainable Design & the Role of Architectural Education, London, 11 March 2005.
- Invited speaker, *"Function, Fiction, Friction - environmental crisis in architecture education"* at Notre Dame University, Lebanon, 27 January 2003.
- Invited speaker, *"RAM, Watt, Rapidograph"* at 'The Use of Computers in Architectural Design' seminar by the Greek Architectural Society, Athens, 13-14 December 1988.

## Exhibitions

- *Reflections of the neighbour*: Photography exhibition at Sabanci Cultural Centre, Izmir 2014.
- *Three environment-conscious projects*: Projects display at Notre Dame University, Lebanon 2003.
- *Ecological Dwelling*: Exhibition of competition entries organized by the Greek Ministry of Environment, Planning & Public Works, Zappeion, Athens 1999.
- *Computer PhotoGraphics 3*: Exhibition of computer processed creative photography, Piraeus Municipal Gallery 1998.
- *Computer PhotoGraphics 2*: Exhibition of computer processed creative photography, International Students House, London 1996.
- *Computer PhotoGraphics*: Exhibition of computer processed creative photography, Dendro Gallery, Rhodes 1995.
- *Jazz*: Display of computer generated random geometric images in "Art Without Borders" event held at Ileana Tounta Contemporary Arts Centre, Athens 1989.
- *Team III*: Furniture design & photography exhibition, Athens 1987.
- *Team 5+1*: Furniture display in FURNIDEC, Thessaloniki 1984.

## Honours

### Awards

- 2011, Old GSP Urban Park competition, Nicosia, Cyprus Honourable Mention [joint entry].
- 1999, Greek Ministry of Environment, Planning & Public Works "Ecological Dwelling" ideas competition 1<sup>st</sup> prize for Climatic Zone B.
- 1996, School design-build competition 1<sup>st</sup> prize, Trikala, Greece [joint entry].

- 1995, INFACOMA exhibition 3<sup>rd</sup> prize for KONTI S.A. stand design, Thessaloniki.
- 1993, Psychiatric hostel design-build competition 1<sup>st</sup> prize, Athens [joint entry].
- 1984, FURNIDEC furniture competition prize.
- 1983, Cholargos Municipal Park competition Honourable Mention, Athens [joint entry].
- 1971, Thessaloniki International Fair poster design competition Honorable Mention.

#### **Scholarships**

- 1984-85, British Council scholarship for studies at Architectural Association.
- 1969-70 & 1970-71, Greek State Scholarships Foundation [IKY] (as student).

#### **Other credits**

- Invited assessor, *Piraeus Tower 2010 Competition*, greekarchitects.gr, Athens, 2010
- Peer reviewer, *31<sup>st</sup> PLEA Conference*, Bologna, 2015
- Peer reviewer, *30<sup>th</sup> PLEA Conference*, Ahmedabad, 2014
- Peer reviewer, *28<sup>th</sup> PLEA Conference*, Lima, 2012
- Peer reviewer, Elsevier 'Sustainable Cities and Society', 2011 & 2012
- Technical advisor in the production of '*Flashes*', a TV documentary on old Aegean lighthouses directed by Andreas Koutsourelis, Athens, 1990-91.

## Professional practice

Licensed architect since 1975; work in design & supervision –occasionally as contractor too.

The project list includes 99 schemes of various scales, mostly residential, from preliminary design to construction; 37 in cooperation with others. In addition, 45 interior design and furniture projects.

Projects are marked as follows:

**B:** Supervision **C:** Competition **F:** Final design **S:** Sketch design **\*\*\*** prize-winning work **(coop)** cooperation  
**bold** characters indicate built projects **BB:** built projects with TNS as main contractor

### • Architecture projects

[Submitted document 'A SELECTION OF ARCHITECTURAL PROJECTS' illustrates 20 projects underlined below.]

- 2014 M. residence, Rodos **F**
- 2012 Latsia park competition, Nicosia, Cyprus **C**
- 2011 Old GSP urban park competition, Nicosia, Cyprus entry #2 **(coop) C**  
Old GSP urban park competition, Nicosia, Cyprus entry #1 (hon. mention) **(coop) C \*\*\***  
Footbridge competition, Paphos, Cyprus **(coop) C**
- 2010 S.L. country residence, Eretria **F**
- 2009 Y.D. holiday complex, Tinos **F**  
S. commercial building, Tinos, **S**  
A.L. winery, Pikermi, Attica **S**  
**M.P. café, Tinos F**
- 2008 Recreation park, Pallini, Attica **S**  
**Blutopia holiday homes, Tinos F**  
A.D. commercial building, Pikermi, Attica **S**
- 2007 Bioclimatic emergency housing, UIA-ARES competition (coop) C  
Senior citizens home design-build competition, Drosia, Athens (coop) C  
E.T. house, Daou Penteli, Athens **S**
- 2006 City hall, Ioannina C  
B. apartment block, Chalkis **S**
- 2005 Municipal park design-build competition, Vrilissia, Athens **(coop) C**
- 2003 **P.F. holiday house, Corfu B**  
**T.K country house, Markopoulo, Attica B**  
F. apartment block, Agii Anargyri, Athens **F**
- 2002 Velodrome, Heraklion, Crete **(coop) F**  
Velodrome, Chania, Crete **(coop) F**  
Velodrome, Thessaloniki **(coop) S**
- 2001 City Hall competition, Agia Paraskevi, Athens C  
Urban square competition, Ilioupolis, Athens C
- 2000 **C.G. country residence, Kapandriti, Athens F**  
**A.V. holiday house, Crete F**
- 1999 K.G. family mansion, Drafi, Attica **S**  
Ecological Dwelling competition, Greek Ministry of Environment (1st prize) C \*\*\*  
Bioclimatic school, Kremasti, Rhodes (coop) F  
Syntagma Square, Athens **(coop) C**
- 1998 J.R. residence, Spata, Attica **S**
- 1997 T.P. house refurbishing, Polygono, Athens **S**  
Art Museum competition, Leipzig **(coop) C**  
**K.D. winery, Markopoulo, Attica B**
- 1996 **School design-build competition, Trikala (coop) C \*\*\***
- 1995 Congress hall, Andros **(coop) S**
- 1994 J.M. country house, Mykonos **F**
- 1993 G.N. apartment block, Agii Anargyri, Athens **F**  
J.S. dwelling extension, Ilioupolis, Athens **S**  
Health centre, Hatzi **(coop) S**  
**Psychiatric hostel design-build competition, Athens (coop) C \*\*\***
- 1992 Museum design-build competition, Mytilini **(coop) C**
- 1991 Commercial building refurbishing, Nea Ionia, Athens **S**  
V.P. country house, Loutsas, Attica **F**
- 1990 T.S. dwelling extension, Papagou, Athens **S**  
Furniture Factory, Metamorfosis, Athens **(coop) F**
- 1989 Shoe factory extension, Thrakomakedones, Athens **S**  
A. duplex, Ekali, Athens **S**  
School, Athens **(coop) S**
- 1988 **NK family house, Chandrinou B**  
A. family house, Agios Dimitrios, Athens **(coop) S**  
**P duplex, Ekali, Athens (coop) B**  
**Olympic Velodrome, Athens (coop) B**
- 1986 "House for Today", AD magazine C  
GM housing group, Rhodes **S**
- 1983 Municipal park competition, Cholongos (hon. mention) **(coop) C \*\*\***  
**D.A. country home, Kammena Voula F**
- 1982 P.K. coffee shop, Serifos **F**  
Family house, Thebes **F**  
Town Hall competition, Corinth **(coop) C**  
**M. family mansion, Voula, Athens B**  
**S. furniture factory face-lift, Koropi, Attica B**  
**A. dwelling extension, Ilioupolis, Athens B**  
S. furniture factory extension, Koropi, Attica **S**
- 1981 **O.A. family house, Nikea, Athens B**  
**P.S. country residence, Chios B**  
M. Apartment block, Faliro, Athens **F**  
J. Shopping Centre, Riyadh **(coop) F**  
House extension, Papagou, Athens **S**  
Community Park, Chandrinou **S**  
Dwelling extension, Glyphada, Athens **(coop) S**  
**A. Family grave, Thebes B**  
Earthquake-caused building repairs, Athens, Thebes
- 1980 **B. Hotel, Kos S**



- P. residence, Athens B**  
S. residence, Attica (coop) F
- 1979 **A. Dwelling extension, Athens B**  
**M. Family house, Attica B**  
**G. Office block, Athens B**  
**S. Family grave, Athens B**  
**Housing group, Attica (coop) B**  
**K. Dwelling extension, Athens B**  
A.D. apartment block, Athens (coop) F
- 1978 **B. Apartment block, Athens F**  
**M.M. residence, Neos Voutzas, Attica (coop) B**  
**L. residence, Dionysos, Attica (coop) B**
- Apartment block, Attica S  
**Apartment block, Athens (coop) B**
- 1977 **S. Dwelling extension, Athens B**  
Town Hall competition, Kifissia, Athens (coop) C  
Country house, Chalkis S  
**Pharmaceutical factory, Markopoulo, Attica (coop) F**
- 1976 Town square, Polykastro S
- 1975 Hotel, Baghdad (coop) S  
Armaments factory, Patras (coop) S
- 1974 Underground station, Athens (NTUA School of Architecture Diploma thesis - coop)

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• **Small scale projects**

- 2012 **A.J. cabin, London B**
- 2011 **D.B. carport roof, London B**
- 2010 **M. family grave, Rhodes F**  
**A.J. flat interior, London S**
- 2005 **K.S. shop, Athens B**
- 2002 **T.S. garden gates, Athens B**
- 2001 **V.T. offices, Athens BB**
- 2000 **M. restaurant, Athens BB**  
S. coffee shop, London S
- 1999 **T.S. home refurbishing, Papagou, Athens BB**  
**A.D. shop front, Athens F**  
**Bed 99 B**
- 1997 **L. fair stand, Athens S**
- 1996 **L.V. pharmacy, Rhodes BB**  
**Sofa 96 BB**
- 1995 **K. fair stand, Thessaloniki B \*\*\***  
**A. office refurbishing, Athens (coop) B**  
S. fair stand, Thessaloniki S  
**K. fair stand, Athens B**
- 1994 **S. office refurbishing, London S**  
K.G. roof patio, Saronis, Attica F  
**Y.T. furniture shop, Agii Anargyri, Athens F**  
T.A. flat refurbishing, Rhodes F
- 1993 **D. Flat interior, Kalamata B**  
**V.P. pharmacy, Zografou, Athens (coop) BB**  
L.V. pharmacy, Rhodes S
- V. pharmacy, Athens (coop) S  
A. leather items shop, Dafni, Athens S  
**G.R. flat interior, Neo Psychiko, Athens S**  
V. cosmetics display units, Athens S
- 1992 **G.A. car stereo shop, Agia Paraskevi, Athens BB**  
H.E.V. Hotel refurbishing, Kalamata (coop) B  
Leather items shop, Alexandroupolis S  
**P.M. leather items shop, Nea Ionia, Athens BB**
- 1991 **N.d.V. leather items shop, Kallithea, Athens BB**  
**N.d.V. leather items shop, Agia Paraskevi, Athens BB**  
**P.M. leather items shop, Chalandri, Athens BB**  
"Thema" Gallery chair design competition C
- 1990 **C.M. hotel room refurbishing, Corfu (coop) S**
- 1987 "Group III" furniture & photography exhibition, Athens
- 1987 **Member of "Group III" furniture design team -88**
- 1984 Group "5+1" furniture exhibition, Thessaloniki FURNIDEC furniture competition prize with "5+1" team \*\*\*
- 1983 Member of "5+1" furniture design team -85 **Design, construction & marketing of wooden objects**

## Computing

A keen computer user since 1982, TNS has witnessed the leap from slide rulers and *Sinclair ZX Spectrum* to laptops and 3D printers. A professional CAD user since 1988, he is familiar with a wide range of software, especially for graphic applications. Highlights:

2000 Development of AutoCAD 3-D applications for solar design [see <http://oikotekton.eu/shadecad/> & <http://oikotekton.eu/solenvelope/>].

1999-2002 Organizer & instructor of 'Geometric Visualization & New Technology' 3<sup>rd</sup> year course at School of Architecture NTUA.

1996-... Web design of numerous pages (Microsoft FrontPage and SharePoint Designer, Evrsoft First Page, CoffeeCup HTML Editor).

1996 First contact with web, first use of email.

1992-99 **3-D Studio** applications for architectural & advertising projects and experimental work with animated 3-D fractals.

1994-... Use of image processing software for a variety of artwork.

1989 '**Jazz**' random image generator using Sinclair QL; displayed at *Art Without Frontiers* exhibition in *Ileana Tounta Contemporary Arts Centre*, Athens.

1989 Solid modelling & animation for *Zoobidon Co.*, Athens, using *Cubicomp's PictureMaker* for TV advertisements & experimental creation of architectural electronic models.

1988-... Extensive use of **AutoCAD** for building, interior design & graphic arts projects starting with v. 2.62.

1988-... Numerous **AutoLISP** routine development, like:

- drawing of successive axonometric views, following the daily move of the sun
- sunpath diagram & shading masks construction
- drawing of special structures (e.g. geodesic domes, spiral stairs, oblique vaults etc.)
- 3-D presentation of numerical data (pre-Windows)
- 3-D fractal surface construction.

1988-93 Development of **TurboBASIC** software for:

- representation of solid shapes using linear & curvilinear perspective
- sundial design
- drawing of 2-D fractals
- automated generation of random images.

1988-... Wide use of word processing & spreadsheet software like **Framework** (including Fred) and **AMI Pro**, before Microsoft Office dominance.

1988 DTP application using **Ventura Publisher** for the production of the 'Passive Solar Housing Design Guide' at *Architectural Association*.

1986-88 Software development for Architectural Association graduate students, including training & support.

1984-86 Development of innovative algorithms using *Sinclair QL SuperBASIC* & 128kB RAM, focusing on graphics & solar design topics, like:

**SCIA** ("Shading Computation In Architecture"), to draw solar shadows cast from/upon various solid surfaces

**OSCAR** ("Openings Shading Computation And Representation"), for the hourly calculation of shading provided by shading devices, plus animated display of shadows on the elevation & in the interior of a building

**GRIC** ("Global Radiation Incidence Computation"), for calculating hourly solar irradiance -direct, diffuse, reflected- according to time, latitude, slope & orientation, with application on various geometric shapes

**PROS** ("Perspective Representation Of Shapes"), for the construction, transformation & display of solid primitives

**Method 5005**, for the calculation of solar gains, according to "Method 5000" algorithm

**Sunpath**, to draw solar charts, stereographic or Cartesian.

1983-84 Development of original graphic software in **BASIC** (application on a NTUA student diploma thesis for the study of insolation in urban conditions using a 16kB RAM Sinclair Spectrum).

1982-83 Self-training on machine language using a 1971 Hewlett-Packard 9810A desktop calculator with a 1973 HP 9862A A3 plotter, involving graphics software development (e.g. axonometric & perspective views of solid surfaces and an innovative algorithm to draw shadows cast from/upon prisms).

