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Greece's 2011 Austerity Budget Promises More Pain, Sacrifice for Greeks



Greek Christmas in Astoria with the Pancyprian Choir

The Pancyprian Choir presented their annual Christmas concert under the direction of Constantinos Yiannoudes on Saturday, at Astoria's beautiful Church of St. Catherine's and St. George.

A Nod to Ataturk, Boutaris' New Epoch Begins

IHESSALONINI- "I am not a politician. I will never become one." That's what Yiannis Boutaris, 68, from a famous wine making family, was quick to point out in an interview, stressing that his professional experience running a business—and background as an environmental activist — make him the right fit for Greece's secondright fit for Greece's second-largest city, although after his a memorial – which fired up tet the Turks come in Greece and visit like we go to Constan-

election in November he immediately found himself backpedaling from a report he wanted to build a memorial to Turkish statesman Mustafa Kemall Ataturuk, under whose reign as an army officer Greeks were driven out of Asia Minor and thousands killed and the and civilians massacred. Ataturk was born in Thessaloniki, also known as Salonika, in 1881, and Boutaris said the reports of

righteous anger in Greeks and those in the Diaspora – were misplaced and that no memorial will be built, but that Ataturk's house stands as an attraction for visitors that will be open. "No-body can deny history and Kemal Atatürk massacred thous sands of Greeks, and we should shouse that is located in Thessa loniki should be open to visitors. We have nothing to be afraid of, Let the Turks come in Greece

in Athens, made it the first two in 24 years their party held the leadership of both cities at the same time. It was quite a triumph for a man whose family is one of the best known in Greece's crowded field of winery

Papandreou Gets His Way, Moves to Quiet His Critics, and Stifle Dissent in PASOK

ATHENS – After five days of debate that didn't change a vote despite some grumbling by law-makers in the ruling PASOK party. the Greek Parliament approved a 2011 budget that stakes spending and hikes taxes again, freezes pensions and plans cuts in the deb-taden state-run enterprises, such as state-run enterprises, such state-run enterprises pensions with more strikes, including a 24-hour shutdown of all public transportation, but pale demonstrations as only a few hundred protesters stood outside the Parliament and yelled "Thieves" while debate was going on, a sign of the bitter resentment by many Greeks that their lives are being reduced while the rich and politicians are living above the fray. Workers at the state-run gaming company OPM, for example, of yellow the public workers, and pay in addition to their monthly salaries, while public workers, who had been receiving two ex-

getting 6 ½ months of bonus pay in addition to their monthly salaries, while public workers, who had been receiving two extra months bonuses, saw those salashed up to 40%. The budget was approved after midnight, long after protesters shouting "We can't take it anymore," had Prime Minister George Papandreou said the budget – an inthetical to his Socialist PSOK principles – was necessary as conditions imposed by the European Union-International Monetary Fund-European Central Bank Troika that has lent the country \$146 billion over three years to prevent bank-ruptcy and default, and to cut the deficit from 15.19% at its worst last year, to 3% by the worst last year, to 3% by the end of 2013, although Greece may need more time to repay the loans, perpetuating economic problems for workers and pensioners. "I will change Greece, and we will not default.

The most painful measures are behind us," Papandreou added minutes before the final vote. "We will do whatever it takes to succeed. We will change this country." He also said it's wrong to point the finger of criticism at the Troika. "Much of the blame for the current situation the country is in does not belong country is in does not belong with our international lenders but is rooted in past misman-agement, and we have to recognize and change that," Papandreou said. 'I continue to fight for the country without considerations of political cost, and my three objectives are to avoid bankruptcy, stabilize the economy and implement necessary restructuring reforms to promote growth and employment," said Papandreou, who added that, "We will exhaust all opportunities to assist society's opportunities to assist society's worst hit by the crisis and the measures as soon as possible." He came under stinging attack from some members of his party, who described the budget as "not credible," "not Socialist" and "unfair." But none dared

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Elias Kazan: Man in a Box, With His Films

By Constantine S. Sirigos TNH Staff Writer NEW YORK - Elia Kazan, one of

NEW YORK - Elia Kazan, one of America's greatest screen and stage directors, created some of the most powerful images of American life in the late 20th Century. But the great image-maker remains an enigma in the America where he arrived from Constantinople at the age of 4. With someone as complex as Kazan, there may be no remised the second of the control of the c

changed from Kazanjoglous, and has been described as "one of the most honored and influ-ential directors in Broadway

Patriarchate Suspends Paisios and Vikentios Indefinitely

By Theodore Kalmoukos
TNH Staff Writer

BOSTON - The Ecumenical Pa-triarchate has levied the canoni-cal punishment of an indefinite suspension upon Metropolitan Paisios of Tyana and Bishop Vikentios of Apameia, meaning that the two hierarchs are forbid-den from celebrating the Divine Liturgy, holy sacraments, and any

Is There a Place for Aristotle?

By Constantine S. Sirigos TNH Staff Writer

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NEW YORK — In a modern
world driven sometimes more
by greed than anything else, is
the sometimes to the
trace of the market as
Aristotle and those who praised
concepts such as ethics that fed
the soul instead of filled the
proket? Nadia Urbinati, the
Kyriakos Tsakopoulos Professor
of Political Theory and Hellenic
Studies at Columbia University,
made the case for Aristotle's Studies at Columbia University, made the case for Aristotle's way in the annual Kyriakos Tsakopoulos Lecture, Aristotle and the Moderns, at the Low Library of Columbia University on, Dec. 9, and although his views have powerful modern detractors, the lecture proved at least one Greek talking about even if he's not alive. Library in sed the writines of the columbia the state of th

even if ne's not alive.

Urbinati used the writings of another 19th Century philosopher, Nietzsche, to describe the

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other Sacred Services of the Church. This decision was reached during an emergency meeting of the members of the Hierarchy residing in Constan-tinople. Sources told The Na-tional Herald that Ecumenical Pa-

tonal refault that Ecumenical Partiarch Bartholomew plans on revisiting the issue involving the partiarchal and Strawopegial-valantou in Astoria, NY, and its former leadership during the next meeting of the Holy Synod at the Phanar, which is scheduled for January 9, 2011.

As has been reported by TNH, the Ecumenical Partiarchate and the entire Greek American Community have been rocked by the scandalous allegations, which came to light at the St. Irene Monastery this past fall. During its previous meeting, the Holy Synod decided to accept the resonance of the partiarchate and property of the partial partial

Synod.
Previously, Paisios had been given "ecclesiastical leniency" and allowed to retire, but TNH reported subsequently that Bishop Vikentios made shocking charges



Greece gets state-of-the-art submarine

The hydrogen powered new Greek submarine "Papanikolas" in the naval ship yard in Piraeus as it was finally delivered after a near decade delay in one of the biggest defense budget fiascos in the long history of expensive military hardware for Greece's asreal.

Antsaklis Knows How Things Work

By Natalie Bakopoulos Special to The National Herald

Many engineers develop a fascination with how things Many engineers develop a fascination with how things work at an early age, and this was certainly the case for Panos Antsaklis, the H. Clifford and Evelyn A. Brosey Professor of Electrical Engineering at the University of Notre Dame. The young Antsaklis often disassembled clocks, bicycles, and electrical appliances; he was not only interested in how things work but how they might work better. This attention, not only to analysis but also to synthesis, seems key to a career in engineering research. For Antsaklis, engineering is interesting because of its tremendous impact on our everyday lives. After all, the products of engineering from electric power, telephones, automobiles, airplanes, satel

ittes, computers, and the inter-net — have undeniably changed the way we live. But it's not just the application of research that interests Antsaklis but the process of investigation. A good researcher must have imagina-tion and vision; a good engineer must be able to make the vision a reality. As a research engineer, Antsaklis noits out. he must be a reanty. As a research engineer, Antsaklis points out, he must be able to do both; he must have his feet firmly on the ground while still being able to gaze out at the horizon.

at the horizon.

At Notre Dame, where he has taught since 1980, he focuses on problems of control and automation and examines ways in tomation and examines ways in which engineering systems can be designed to autonomously perform useful tasks and the theory that needs to be developed to address them. At the heart of such systems with high-degree autonomy — and at the

nearr of the discipline of systems and control in general — lies the mechanism of feedback, a mechanism prevalent not only in engineered systems but in physical, biological, economic, and social systems as well. Feedback, to put it simply, corrects for uncertainty. Feedback control methods are used to regulate the temperature of our trol methods are used to regu-late the temperature of our homes and the cruise control in our cars; they allow a plane to run on autopilot. Physiologi-cally, feedback control mecha-nisms maintain our blood pres-sure and blood glucose levels. Biomedically, feedback control methods allow for the use of electrical nerve signals to con-rol prosthetic limbs. Because many feedback control systems are hidden, or embedded in computers, Antsaklis notes, the



Antsaklis Knows Engineering, and How Things Work In the World

concept is often referred to as

concept is often referred to as stealth technology.
Although such automatic control systems have countless modern-day applications, the-toped more than 2,000 years ago. The first feedback control device on record was developed in the Third Century B.C., in Alexandria, by the Greek engineer and inventor Ktesibios. His water clock, or clepsydra, incorporated a feedback mechanism that used a floating device as both a sensor and an actuator (a mechanical device for moving or controlling,) which kept the water level approximately constant. This, in turn, ensured constant twater flow and, as a result, accurance time keeping. And, stant water flow and, as a result, accurate time keeping. And, generally speaking, it's this same system of precision and systems communication, this same concept of feedback, that lies at the core of Antsaklis' work two millennia later.

GREEK THINKING

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GREEK THINKING

Antsaklis was born and raised in Kalamata, a harbor town of 50,000 people situated at the head of the Messinian Bay in the Peloponnese. His father, Ioannis Antsaklis, a surgeon, was not from Kalamata but a small town called Geraki, near

Having the vision to see what might be next on the horizon is fundamental to being a cutting-edge

Scientist

Sparti, in Lakonia, and raised in Piraeus. In 1939, while his farraces in 1939, while his factors hospital in Athens, seemingly destined for an academic cross hospital in Athens, seemingly destined for an academic career, a friend suggested Dr. Antsaklis relocate to Kalamata to open a clinic and practice surgery. And that he did. Soon after, World War II began, and doctors were in high demand. Ioannis Antsaklis served at the front in Albania. When the occupation and the Greek civil warended, he had a growing family and decided to remain in Kaland decided to remain in Alban

parents. His mother, Marina, was involved with philanthropic organizations, such as the orphanage and the Kalogries, the monastery at Ypapanti. A beautiful and intelligent woman, she was well informed about current was well informed about current events. "A great book reader," Antsaklis says of her, "with ex-cellent French, very cosmopoli-tan. And a great cook!" She in-stilled in Antsaklis and his brothers the importance of edu-cation and often worked with the young boys as they completed their homework. She still lives in Athens and remains the heart of Amens and remans me neart of the family. When Antsaklis' fa-ther was establishing his prac-tice, Kalamata did not have a tra-ditional hospital, so his father's 40-bed clinic also served as the town's emergency room. His fa-ther worked very hard and very late each night, yet he still man-aged to research new surgical methods, usually to treat a parmethods, usually to treat a particular patient. And because much of this information was not available in Greek, he also taught himself French, English, and some German in order to read the required medical books and journals. Perhaps this dedication to learning and its immediate relavance was impressed upon the control of the control

His father's dedication and sense of responsibility to the people of Kalamata was not only manifest in his late nights and constant learning. He was a true humanitarian and treated those who could not afford to pay for care, at no charge. And even now, decades later, when Antsalkis visits Kalamata with Antsalkis visits Kalamata with the spatients recall his name and relay stories of his father's compassion. Though Antsalkis became an engineer, medicine did interest him. As a young boy, he spent much time at his fabecame an engineer, medicine did interest him. As a young boy, he spent much time at his far began a surgery, the young Antsaklis watched his father scrub his hands "up to the el-bows" for what seemed like an endless amount of time. Then, from behind a glass partition, he watched his father perform operations: appendectomies appendectomies and the watched his father perform operations: appendectomies, one done with only local anese that typically lasted 20 minutes, some done with only local anese that typically lasted 20 minutes, some done with only local anese that typically lasted 20 minutes, some done with only local anese that typically lasted 20 minutes, some done with only local anese that typically lasted 20 minutes, and the same done with the last typical lasted 20 minutes and the lasted 20 minutes and 20 minute terest, the youngest Attosaus would naturally become a doctor; his two older brothers were already in medical school. Instead, the intense appeal of mathematics and physics led him toward engineering. At the age of 17, he took the national exams and did very well; if he had enrolled in physics at the University of Athens he would have entered first in rank. Instead, he enrolled in the very competitive and esteemed Mechanical and Electrical Engineering begartness at the National Technical University of fondar Technical University of fondar Technical University of fondary of the National Production of the Nati



Antsaklis and his wife, Melinda Reese-Antsaklis, nderneath the Acropolis in front of the Irodio Theater (2008), where they enjoy attending performances.

Theater (2008), where they enjor Antsaklis came to the United States in 1972 for graduate school, sponsored by the Fulbight Foundation, to study control systems at Brown University in Providence, Rhode Island. While at Brown, the met his armound the student in Russian literature. After completing his Ph.D., he taught there for one year. He hen was visiting professor at Rice University in Houston and lecturer at the Imperial College of the University of Iondon before taking a position, in 1980, at the University of Notre Dame; Melinda also taught there. He at the University of Notre Dame; Melinda also taught there. He has also held teaching and re-search sabbaticals at Massachu-setts Institute of Technology, the Imperial College and the Na-tional Technical University of Athens.

IT'S CYBERMAN!

Though by he has been in the

Though he has been in the States for 37 years, Antsaklis has maintained close ties with Greece. For as long as he can

remember he and his family have traveled to Greece each summer, visiting Kalamata, where his daughter, Lily, now a sophomore at Heidelberg University in Ohio, still meets with her childhood friends, many of whom are sons and daughters of her father's own former classmates. He also spends some time in Athens, where his moother, Marina, lives, and where he might visit the Benaki Museum and the Temple at Sounion, attend a performance at the Irodio Theater and enjoy an ouzo and the view of the Acropolis from the Dionysus Cafe. His visits to Greece are also professional in nature. He often lectures at Gorek university of the Presistant of the Production of the Presistant Control Association. President of the Mediterranean Control Association. And like most academics, Antsaklis both teaches and conducts research. When asked if he finds that one pursuit enhances the other, he replies, "Yes, aboutley!" At Notre Dame he has received numerous teaching awards, such as the Kanehe awards, such as the Kanehe in Undergraduate Teaching, He has also authored several books, including a very well respected graduate textbook on linear systems. He has five graduate students in his laboratory, students in his laboratory, students in his alboratory, students in his alboratory students in his alboratory students in his alboratory, students in h graduatic textudos on linear sys-tems. He has five graduate states from all over the world. Partic-larly because his own research is interdisciplinary in nature, and because systems and con-trol is a discipline that takes a global point of view, he encour-ages his students not only to participate in conferences and author scholarly papers, but also participate in conferences and author scholarly papers, but also attend lectures in other subjects to further broaden their hori-zons. He said he believes that a leader should be multidimen-sional so to perceive all the com-plexities of an issue: societal and ethical in addition to scientific and technical.

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Cyber-physical systems can change the way we interact with the physical world. According to a report prepared by the Cyber-Physical Systems Steering Graph (2002). Physical Systems Steering Group (2008,) they can make systems safer and more efficient,

both economically and energy-wise; they have the potential to transform industry. For example, cyber-physical technology can be applied to create faster-fly-ing, energy-efficient aircrafts and safer, more energy - and

it's imperative to acknowledge those advancements that have undoubtedly stood the test of time. And evidence of one stands right in the center of Athens, in its ancient agora, a place Antsaklis frequently visits when in Athens. The Tower of Winds, or Horologion, or time-piece, is a combination of a contract of the compass. These sides are also dock. It is a large, cotagonal structure, and on each of its eight sides face points of the compass. These sides are also decorated, in bas-relief, with flying figures of the corresponding wind gods. Atop the tower sat a wind vane in the form of a bronze. Third, which contained a water clock — Kresibios' invention — to record time when the sundial could not. One of the few standing, never-been beds structures of antiquity and the contractive of the second contractive of cyrrhus for the sheet

icus of Cyrrhus for the sheer purpose of measuring time. And isn't time always, as the old adage goes, of the essence? Antsaklis notes that measuring Antsakis notes that measuring time accurately for long periods was particularly difficult, and the earliest calendars were based on the lunar month and the later ones on the solar year. But, to bring in mathematics, neither the lunar month nor the solar year, rather inconveniently,



Antsaklis' wife, Melinda Reese-Antsaklis, and their daughter, Lily, relax on a beach in Kalamata in 1992.

economically efficient homes and cars. It can help create high-way systems that allow for dense traffic to operate more safely, and it can be used to ensalety, and it can be used to en-gineer more capable, finely tuned defense systems.

TIME AND TIME AGAIN

Antsaklis notes he is not only

Antsakis notes he is not only interested in improving upon what has already been created but also on identifying what needs doing and finding a way

consist of an integer number of days (the lunar month is ap-proximately 29.50306 days; the solar year, 365.24219 days.) This problematic fact is partially why the Eastern and Western Christian churches celebrate Easter at different times, an ex-tremely complicated matter that Antsaklis, just for fun, has writ-ten about in wonderful detail (http://www.nd.edu/~pantsakl /easter.htm.) And it's this quest



Antsaklis' parents, Ioannis and Marina, on a family trip to Paris in 1967. His mother still lives in Athens and remains the center of the family. His father, a surgeon, opened a clinic in Kalamata in 1939.

to implement it, so it comes as no surprise that he's a pioneer in this relatively new field. Por Antsaklis — much like his fa-thet, a talented diagnostician who anticipated and subsequently learned what surgical methods he might need to help in the complete his production. A surprise having that size he had not been a subsequently learned what surgical methods he might need to help in the peartment of English tames and lineare and li a patient — having the vision to see what might be next on the horizon is fundamental to being a cutting-edge scientist. Yet even with all this forwardlooking research and technology, Antsaklis said he believes Schuster in 2012.

Natalie Bakopoulos is a lecturer in the Department of English Language and Literature at the University of Michigan. Her first novel, The Green Shore, set in Athens during the military dictatorship of 1967–1974, is due



Dr. Panos Antsaklis, the H. Clifford and Evelyn A. Brosey Professor of Electrical Engineering at the University of Notre Dame, focuses on problems of control and automation and ways in which engineering systems can be designed to exhibit a high degree of autonomy in performing useful tasks.



