

Computing in Chemical Engineering Award

Recognizes outstanding contributions in the
application of computing and systems technology
to chemical engineering

Chris Floudas



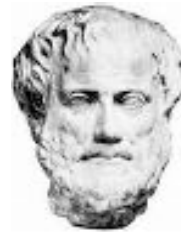
Award sponsored by the Dow Chemical Company

Chris Floudas

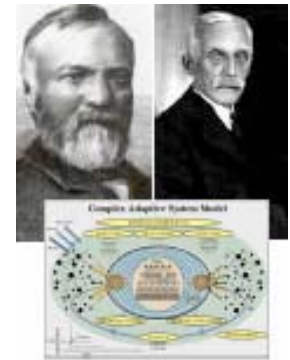


- Professor, Princeton: Chemical Engineering, Center for Quantitative Biology, and Dept. of Operations Research

- BSE, Aristotle University, Thessaloniki



- PhD, Carnegie Mellon

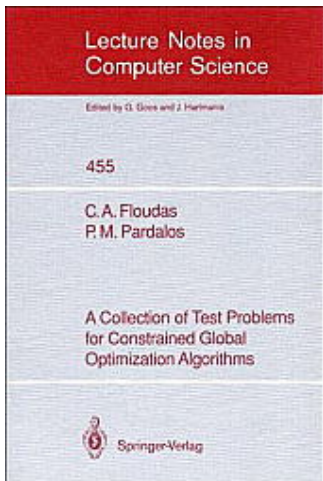
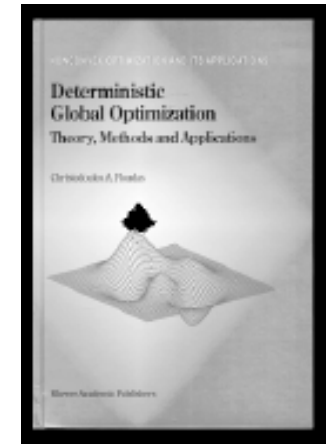
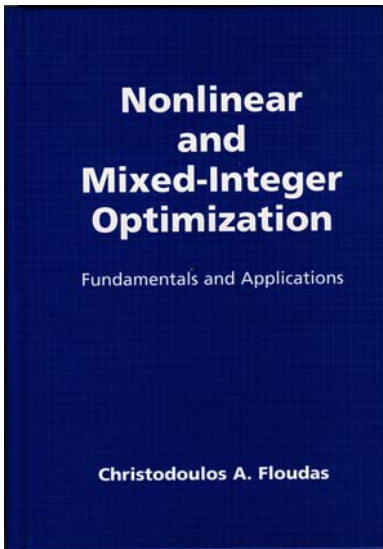


- Mathematical modeling and optimization in complex systems

- Over 200 refereed publications, over 300 invited lectures and seminars, chief co-editor of the Encyclopedia of Optimization, Chair FOCAPD 2004

- NSF PYI, 2001 AIChE Professional Progress Award, etc., etc.





Don't forget to **bookmark us!** (CTRL-D)

170 titles, showing 1-50 sort by PRICE ASC

Result in pages: - 1 - 2 - 3 - 4 - ►

1. **A Collection of Test Problems for Constrained Global Optimization Algorithms (Lecture Notes in Computer Science)**

by C.A. Floudas, Panos M. Pardalos

Price: USD 3.15

Dealer: AmazonUK

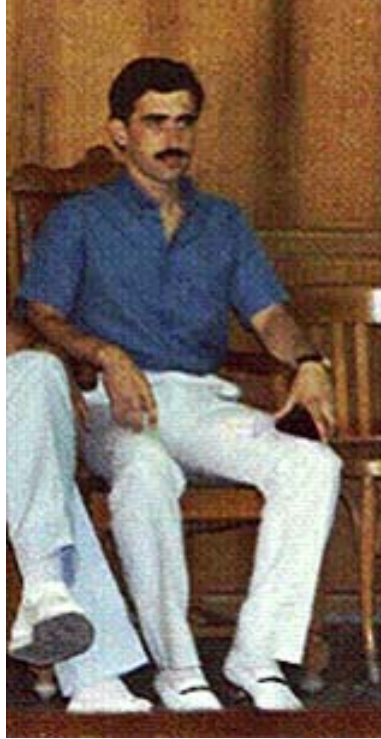


Ε γ υ

Και οι γονείς μου 'Αχιλλεύς και 'Ε-
λεάνη Πλειότα Λαζ, αρραβωνίστηκα εις
την πατρική μου εκκλησία στην
Κοζιανή 19η 'Ιουνίου 1966 και ή-
σαν 12.15 π. της είν 'Ορθόξ. Νείο δι-
γινε Λαογίανος 'Εναείονα.

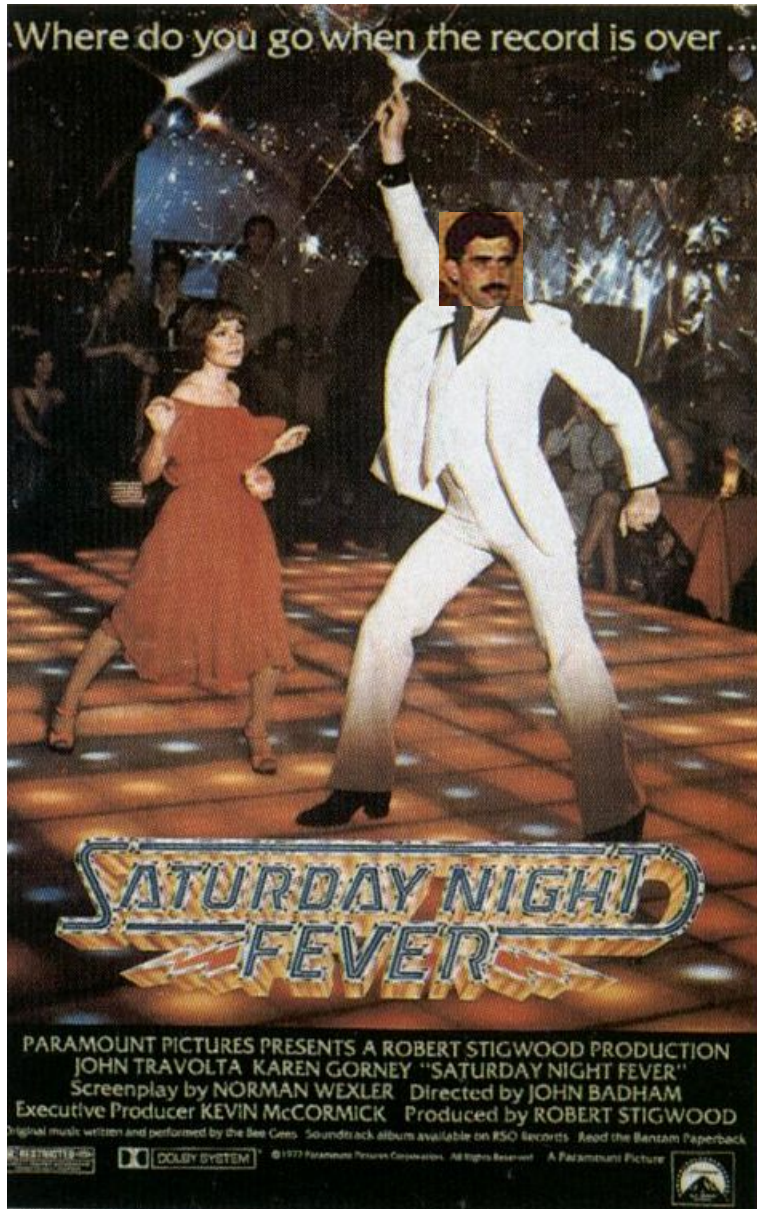
Επίσης ήν 21.12.19
'Ο Αδελφός μου
Δημοκρίτος Σπανάλλος





This seems vaguely familiar...

Where do you go when the record is over...



PARAMOUNT PICTURES PRESENTS A ROBERT STIGWOOD PRODUCTION
JOHN TRAVOLTA KAREN GORNEY "SATURDAY NIGHT FEVER"
Screenplay by NORMAN WEXLER Directed by JOHN BADHAM
Executive Producer KEVIN McCORMICK Produced by ROBERT STIGWOOD

Original music written and performed by the Bee Gees. Soundtrack album available on RSO Records. Read the Benham Paperback.



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ACADEMICS

Floudas devises funding formula

By Julia Osellame
Princetonian Staff Writer

A mathematical formula — originally developed by a University professor and a graduate student to facilitate the National Science Foundation's (NSF) administration of grant proposals — might change the way jobs are assigned in everything from hospitals to the government.

Christodoulos Floudas, a professor of chemical engineering, and chemical engineering graduate student Stacy Janak derived the mathematical model. Martin Taylor '05, an M.D./Ph.D. student at Johns Hopkins University, designed the computerized form, called the Panel Assignment Problem Solver.

⋮

"It's terrific," Burka said of Floudas' formula, adding that it was "more efficient and sometimes gives a better solution" than doing it out by hand, which can take hours.

Panel Assignment Problem Solver

- Downloaded code
- Entered a hypothetical set of reviewers

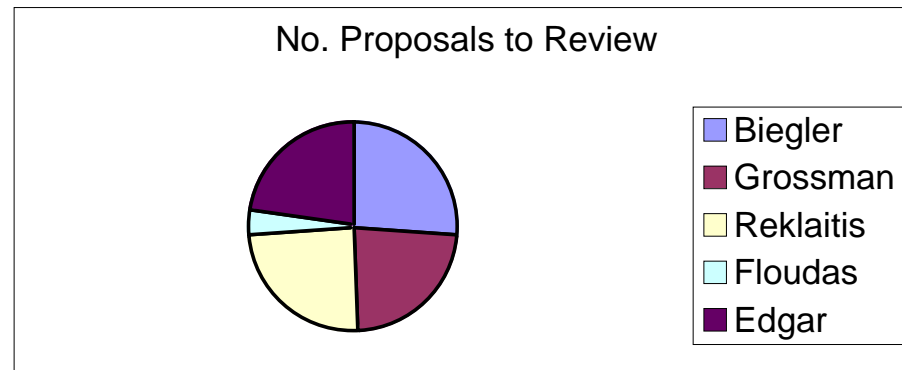
Reviewer
Biegler
Grossman
Reklaitis
Floudas
Edgar

- Entered a hypothetical set of proposals, with conflicts, etc
- Ran code

Panel Assignment Problem Solver

Proposal Review Assignments

Reviewer	No. Proposals to Review
Biegler	12
Grossman	10
Reklaitis	11
Floudas	2
Edgar	10



Floudas has also developed a prototype funding problem solver

Prototype Funding Problem Solver

Proposal Funding Recommendations

Principal Investigator	Reviewer 1	Reviewer 2	Reviewer 3	Reviewer 4
Biegler	Excellent	Outstanding	Excellent	Excellent
Grossman	Outstanding	Excellent	Excellent	Outstanding
Reklaitis	Excellent	Excellent	Outstanding	Excellent
Floudas	Good	Average	Good	Good
Edgar	Outstanding	Excellent	Excellent	Outstanding

Prototype Funding Problem Solver

Proposal Funding Recommendations

Principal Investigator	Reviewer 1	Reviewer 2	Reviewer 3	Reviewer 4	Funding Recommendation
Biegler	Excellent	Outstanding	Excellent	Excellent	Do Not Fund
Grossman	Outstanding	Excellent	Excellent	Outstanding	Do Not Fund
Reklaitis	Excellent	Excellent	Outstanding	Excellent	Do Not Fund
Floudas	Good	Average	Good	Good	Must Fund
Edgar	Outstanding	Excellent	Excellent	Outstanding	Do Not Fund

Finally,

- The Award Lecture