[PolyX]

August 28, 2001

Prague, Czech Republic

1st International Workshop
on Polynomial Methods
in Signals, Systems and Control

The Polynomial Toolbox

for use with MATLAB® 5

The Polynomial
Workshop

Held jointly with the 1st IFAC/IEEE Symposium on System Structure and Control (SSSC)

Organized by Institute of Information Theory and Automation, CZ

Co-sponsored by ◢ IEEE Czechoslovakia Section
◢ IEEE CSS Czech Chapter
◢ EUROPOLY – The European Network of Excellence
on Industrial Applications of Polynomial Methods
◢ PolyX, Ltd, CZ.
◢ Czech Technical University in Prague, Faculty of Electrical Engineering
◢ National Research Center for Applied Cybernetics

Scope The workshop will cover new developments in polynomial (algebraic, fractional,
factorization etc.) methods in control, signal processing and other engineering fields.
In particular, the following contributions are welcome:
◥ theoretical papers
◥ mathematics for polynomials, polynomial matrices and similar objects
◥ application papers and case studies
◥ numerical, symbolic and other algorithms
◥ software implementations
◥ tutorial and survey papers, historical reviews
◥ educational aspects and university courses
◥ internet presentations and databases of polynomial methods
◥ open theoretical problems and practical challenges

Honorary Chair Vladimír Kučera – Czech Technical University in Prague, CZ

Program Chair Huibert Kwakernaak – University of Twente, NL

Organization Chair Michael Šebek – Institute of Information Theory and Automation, Prague, CZ

The **Poly**nomial **Workshop** 1st

Key Deadlines ◢ Submission of papers, invited sessions, demos, web presentations etc. February 28, 2001

◢ Notification of acceptance April 30, 2001

◢ Final versions (electronic) June 30, 2001

Fees There is no registration fee required for the workshop. However, the participants are recommended to register for the SSSC conference.

Submissions An electronic version of each paper, invited session proposal, etc. in PDF, DOC or HTML format should be sent to workshop@polyx.cz .

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