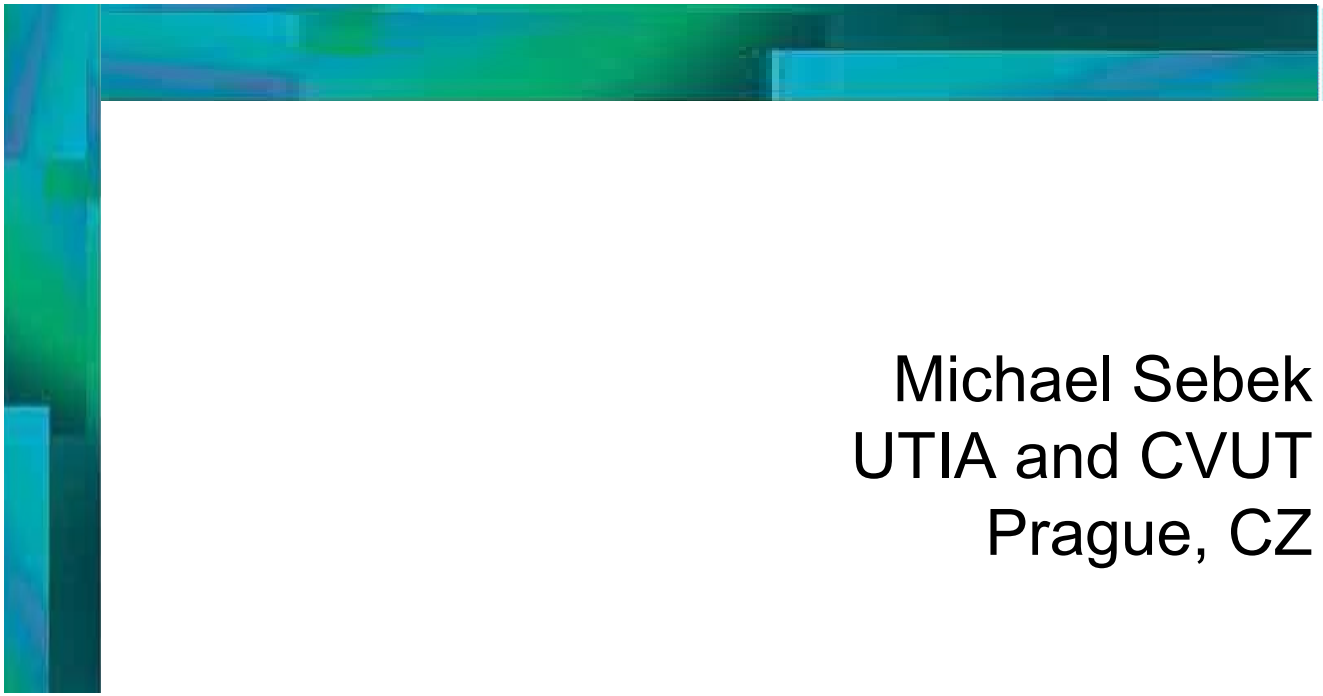
Polynomial Methods for Control Analysis and Design



[PolyX]

Michael Sebek
UTIA and CVUT
Prague, CZ

Overview

Ch. 1. Polynomials and polynomial matrices

Ch. 2. Polynomial toolbox — computer session

Ch. 3. Polynomials in control systems

Ch. 4. Discrete-time systems

Ch. 5. Continuous-time and MIMO systems

Ch. 6. CAD based on polynomial methods — computer session

Ch. 7. Future perspectives

Web Sites

Visit:

www.polyx.cz/_course/

to download

- copies of the slides
- software for examples
- other information

www.polyx.cz or

www.polyx.com

- documentation of the Polynomial Toolbox
- demos, applications
- tutorials, glossary
- other related info

www.mathworks.com

- MATLAB
- SIMULINK
- Control Systems Toolbox