



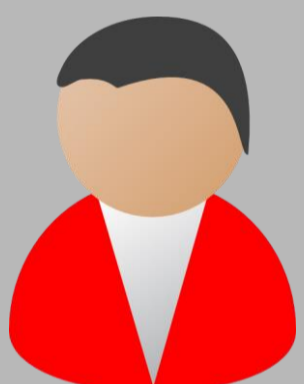
The 4th International Conference on
Instrumentation, Control and Automation 2016

Workshop

Polynomial Optimization Methods in Systems and Control

Polynomial optimization problem is a class of nonconvex optimization problem that has polynomial functions as both its objective and constraint equations. It often arises in systems and control research areas through the formulation of such problems as Lyapunov-based global/regional stability analysis, nonlinear control synthesis, safety verification, and model approximation. This workshop will explore a convex relaxation approach for solving such a problem through the use of Sum of Squares (SOS) relaxation method. Participants will not only be exposed to the basic theory underlying the SOS relaxation method but also be guided to directly implement the method using a Matlab toolbox SOSTOOLS.

(<http://www.cds.caltech.edu/sostools/>)



Prof. Dr.-Ing.Ir. Yul Yunazwin, M.Sc. DIC

(Head of Instrumentation and Control Research Group – ITB)

Dr. Tua Tamba

(Researcher in Engineering Physics – ITB)



Monday, 29 August 2016, 13.00-17.00 WIB



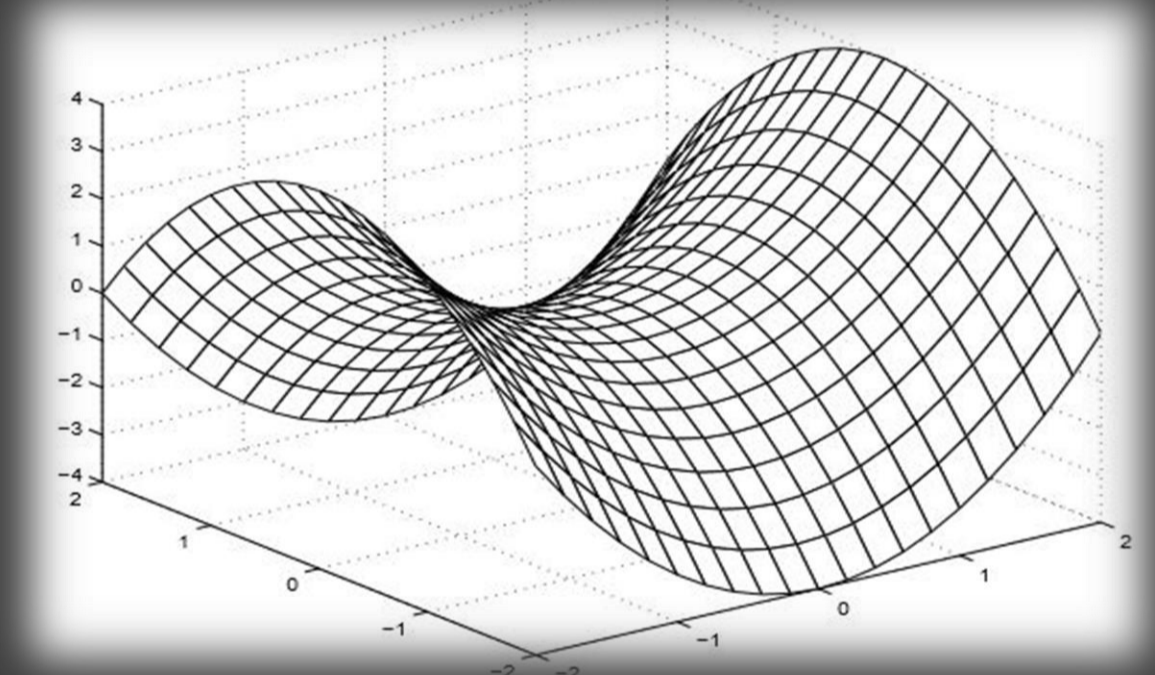
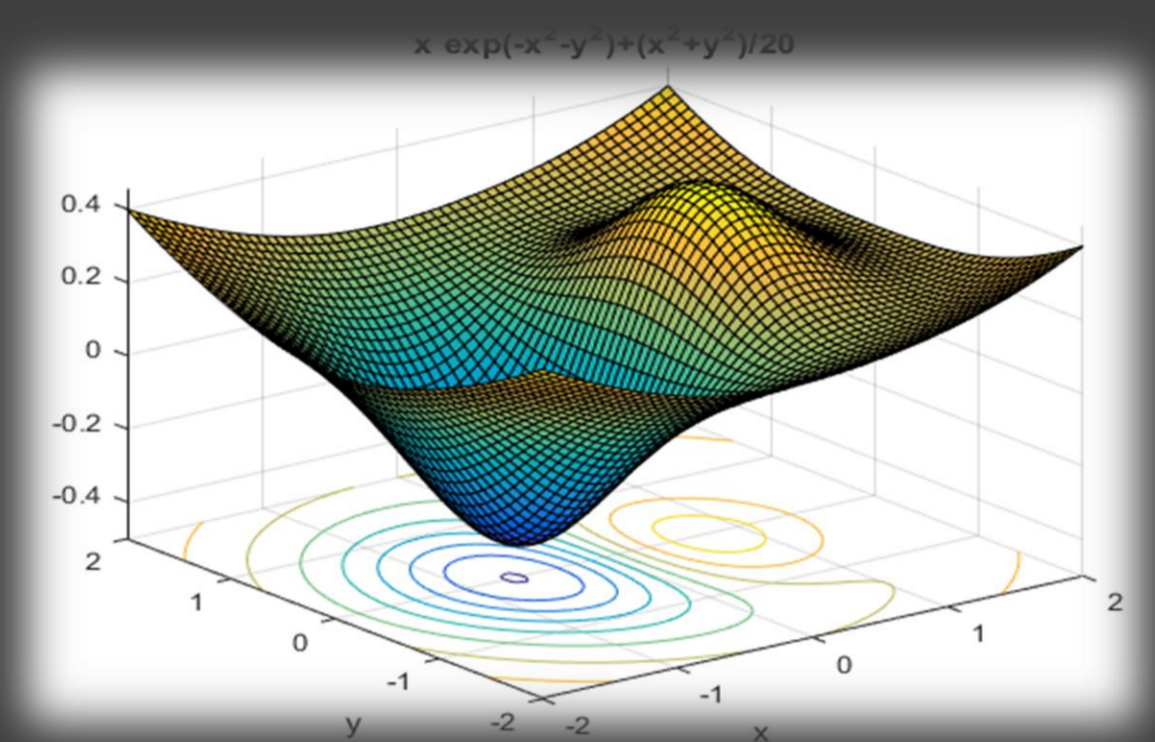
**Multimedia Room, 2nd floor
TP Rachmat Building ITB**

Registration fee : IDR. 100.000 (student)

IDR. 150.000 (general)

Facility : Certificate, Snack & Workshop Kit

Workshop Language : Bahasa Indonesia



Registration and information :
Instrumentation and Control
Research Group,
Engineering Physics,
Faculty of Industrial Technology,
Bandung Institute of Technology.
T.P. Rachmat Building 2nd floor
Jl. Ganesha 10, Bandung 40132.
West Java, Indonesia
Email: chairinnas@yahoo.com,
Ph : +62 812 68231404
Details visit : ica2016-itb.org