

הטכניון – מכון טכנולוגי לישראל
הפקולטה להנדסת מכונות



TECHNION – Israel Institute of Technology
Faculty of Mechanical Engineering

סמינר - SEMINAR

The Faculty of Mechanical Engineering is pleased to invite you to a joint seminar
With
Control & Systems Theory Seminar at the Technion

The Seminar will take place on
Monday *August 31, 2015, 11:30*
in Room 217, Dan Kahn Building.

Speaker:

Distinguished Professor Bernard Friedland
New Jersey Institute of Technology

Title:

In Praise of High-Pass Filters

Abstract:

For the control of a mechanical system in which all the position variables but none of the velocity variables are measured, a reduced-order observer approaches a bank of high-pass filters. Use of high-pass filters in place of reduced-order observers can offer advantages in robustness and in implementation. Several examples are presented to show these advantages.

Light refreshments will be served before the seminar

Hosted by : *Prof. Zalman J. Palmor*

Sincerely,

Assistant Professor Amir Gat
Seminars coordinator