## Control Digital

Laboratorio 1 (Parte 1)

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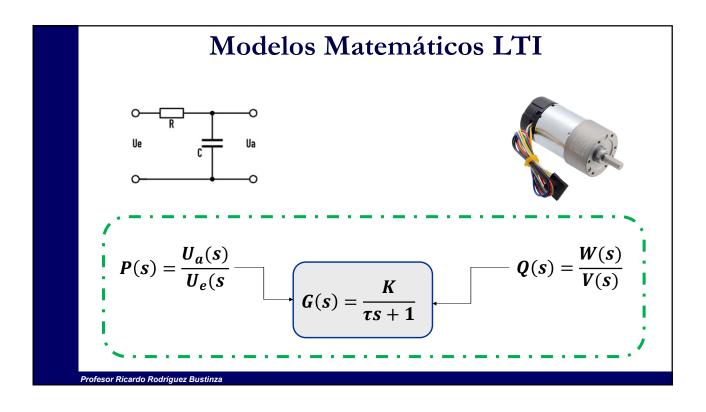
1

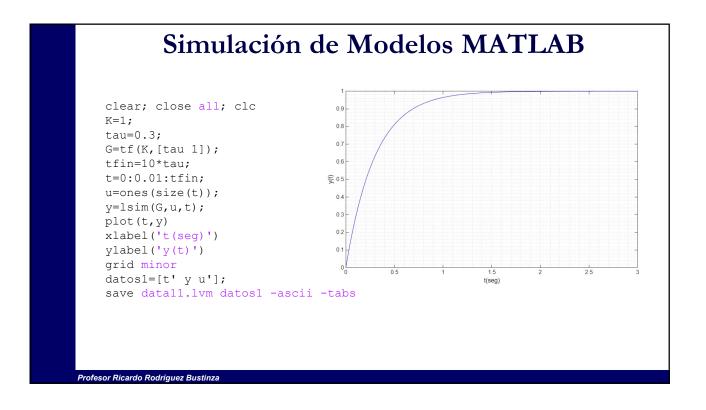
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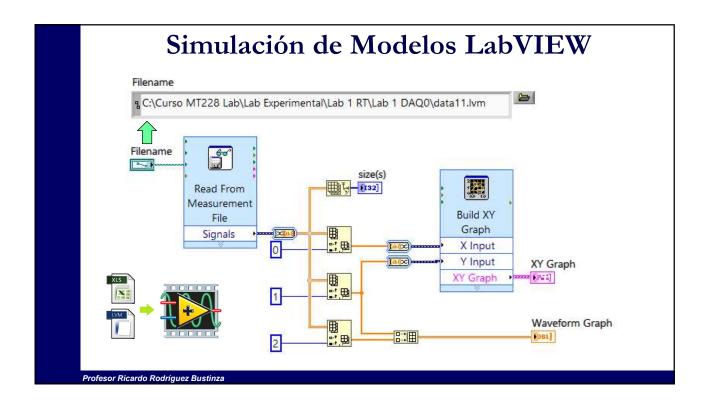
## **CONTENIDO**

- Modelos Matematicos LTI
  - **✓** Simulación de Modelos con MATLAB
  - ✓ Simulación de Modelos con LabVIEW
- O Interactuando con el MAX
  - ✓ Conectando el hardware DIOs
  - ✓ Conectando el hardware ADC
  - ✓ Conectando el hardware DAC
- O Adquisicion de Datos
  - **✓** Practica del Potenciometro

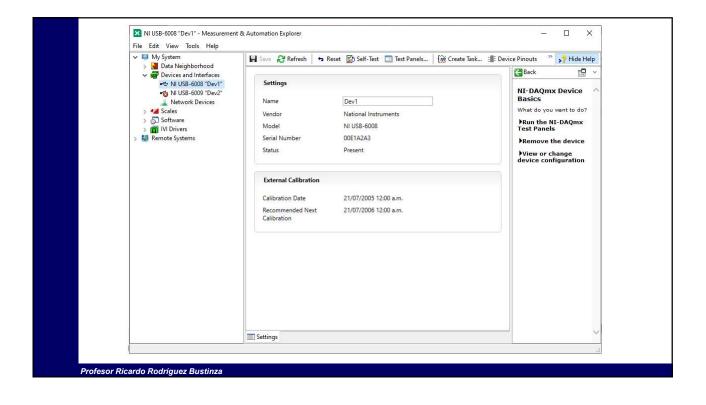
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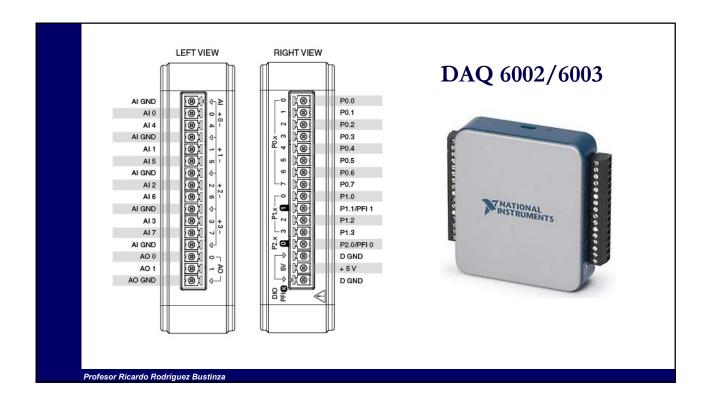


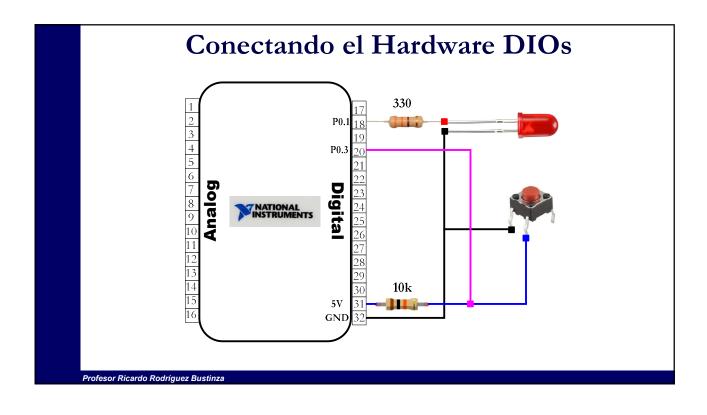


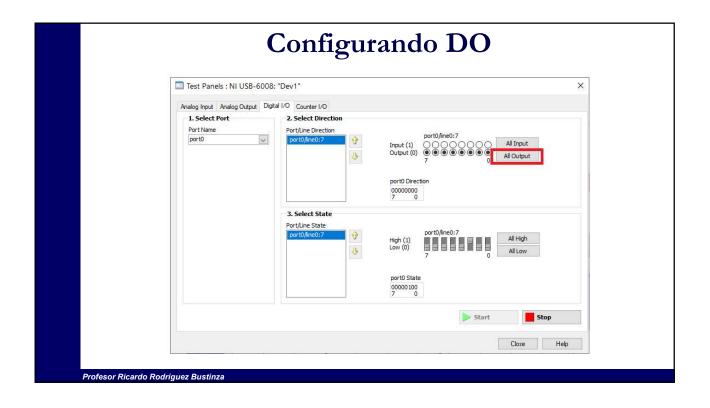






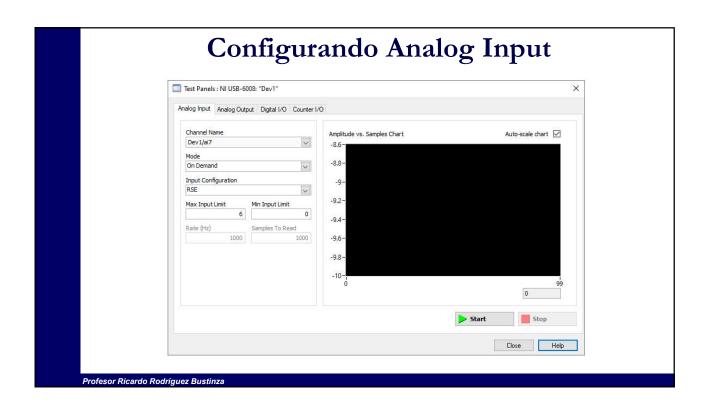




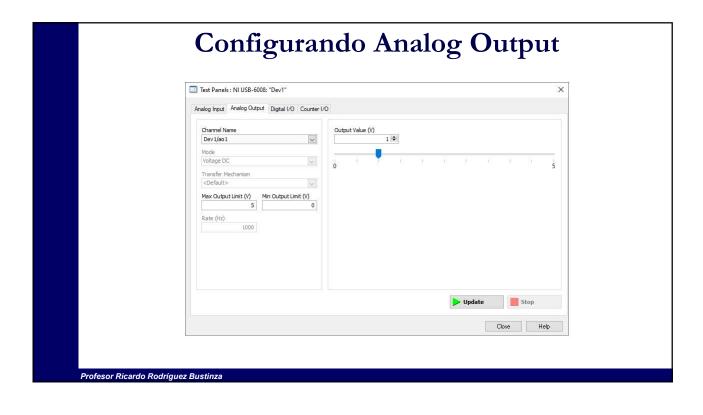


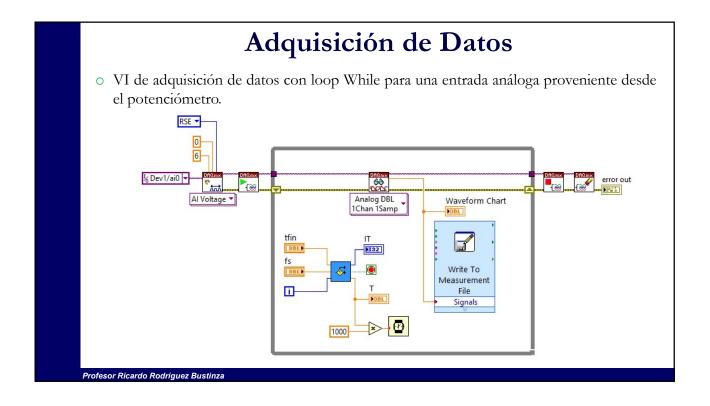












O Una vez adquirida la DATA mostraremos los datos desde MATLAB.

load datal.lvm
subplot(211)
plot(datal(:,1), datal(:,2))
xlabel('t(seg)')
ylabel('Out')
subplot(212)
plot(datal(:,2))
Nsamples=length(datal);
fprintf('NSamples=%3.2f\n',Nsamples)

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