SISTEMA DE ADQUISICIÓN DE DATOS

ASPECTOS PRÁCTICOS





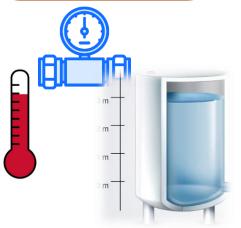
EL SISTEMA DE ADQUISICIÓN DE DATOS

VARIABLE DE INTERÉS: TEMPERATURA, PRESIÓN, FUERZA, NIVEL, POSICIÓN, ETC

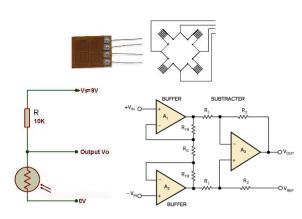
VARIABLE DE INTERÉS
A VOLTAJE,
CORRIENTE O
RESISTENCIA

ACONDICIONAMIENTO
(DE NECESITARSE):
AMPLIFICACIÓN,
ATENUACIÓN,
FILTRADO,
EXCITACIÓN,
LIMITACIÓN, ETC.

ADC
(MONOPOLAR,
BIPOLAR, RANGO
O VOLTAJE DE
REFERENCIA,
RESOLUCIÓN,
FRECUENCIA DE
MUESTREO





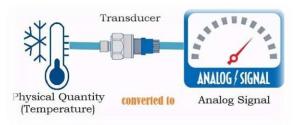




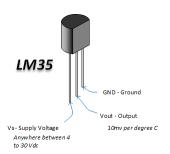


Facultad de Ingeniería en Mecánica y Ciencias de la Producción

TRANSDUCTORES

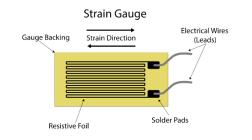








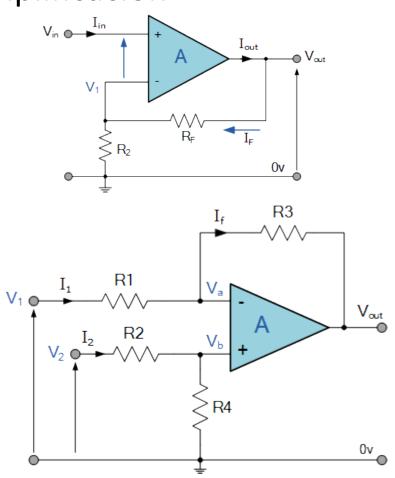


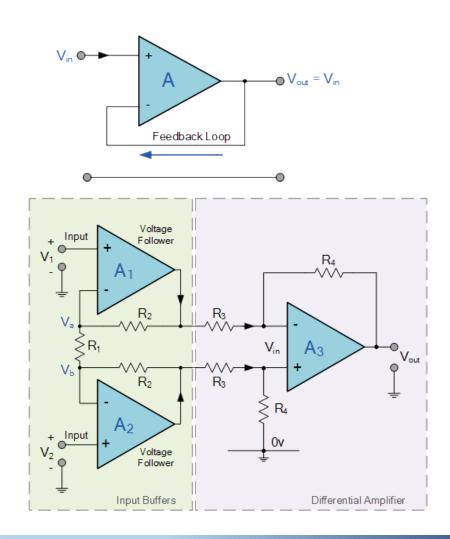






Amplificación

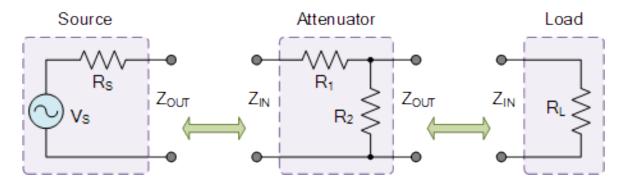


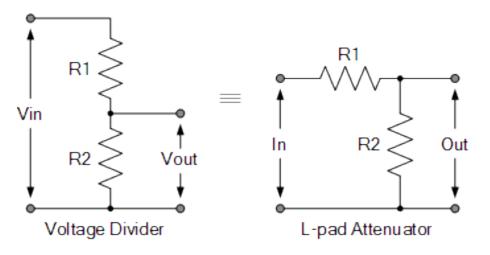


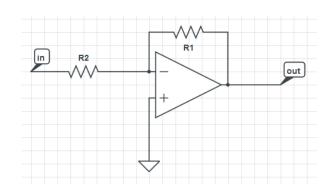




Reducción/atenuación



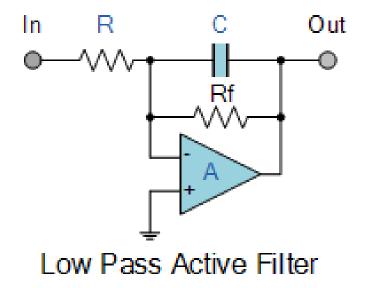


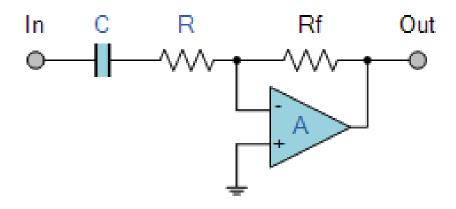






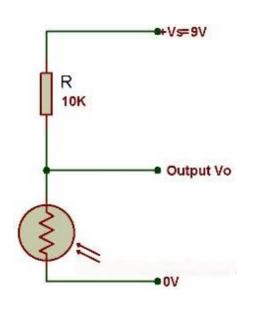
Filtrado

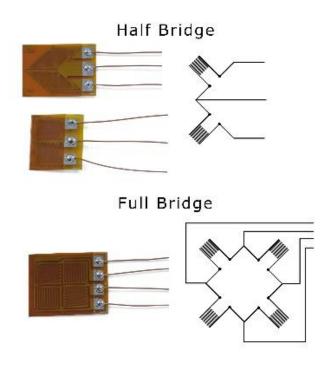


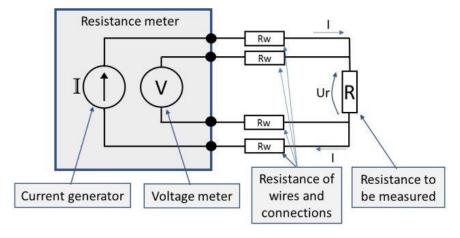


High Pass Active Filter

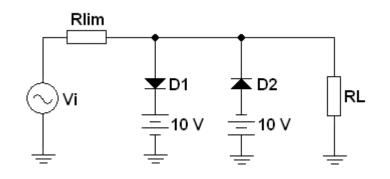
Excitación/divisor de voltaje/puentes

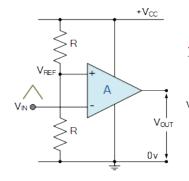


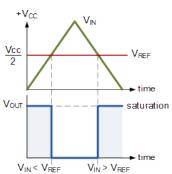


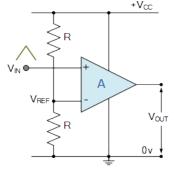


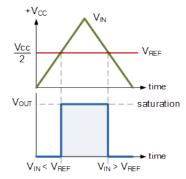
Limitador, comparador, linealización, compensación, etc.

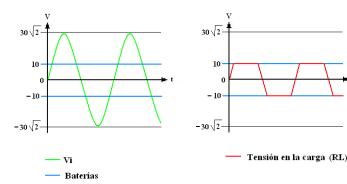


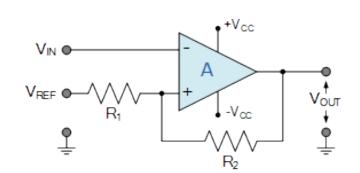


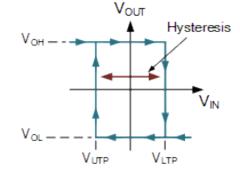










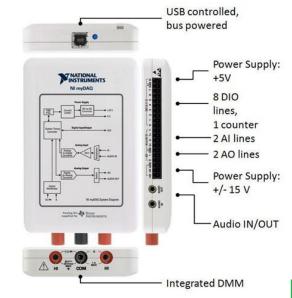


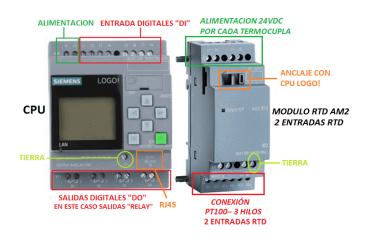


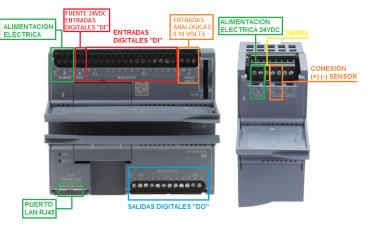
ENTRADA ANALÓGICA (ADC)





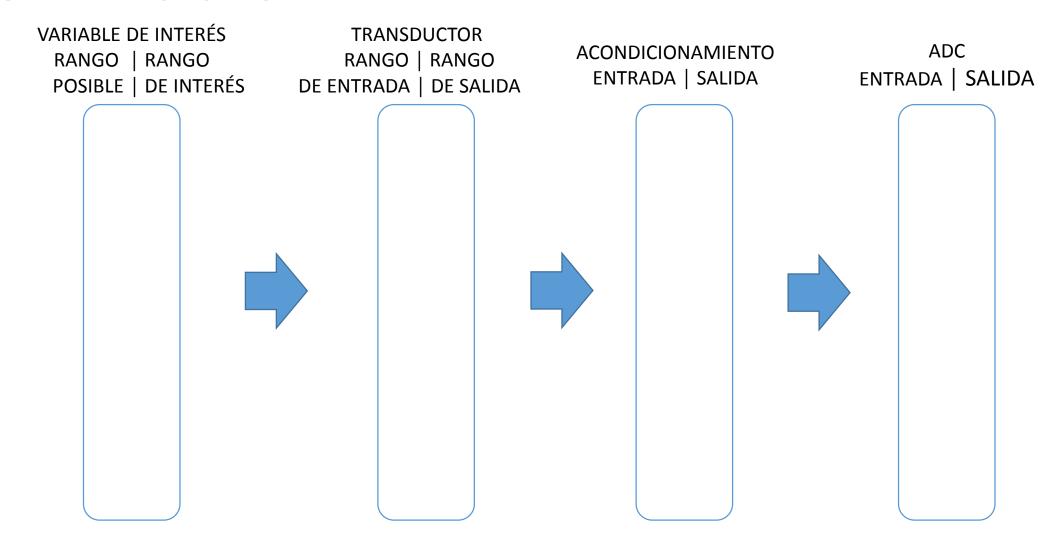








SELECCIÓN



¿PREGUNTAS?

