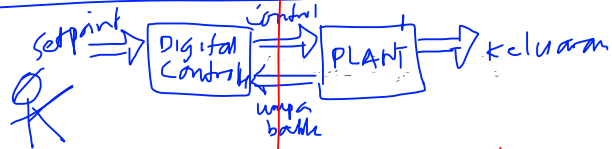


Sistem Kendali Digital

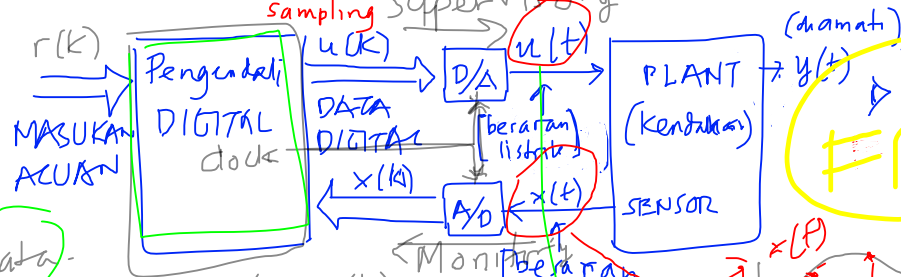
01/03/12

- * Pengenalan Sistem Kendali Digital (SKD)
 - Istilah-istilah lam SKD
 - Konfigurasi Umum SKD
 - Contoh-contoh Pengendali Digital
 - Pengetahuan yang diperlukan
 - Sejarah perkembangan SKD

* Pemodelan SKD

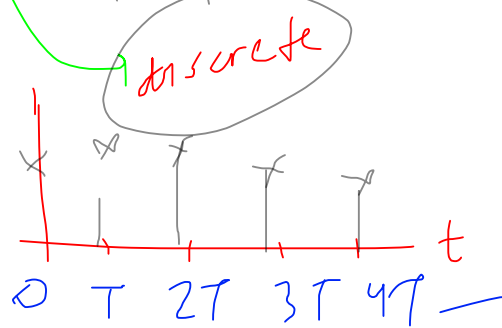


"DIGITAL" (discrete time) → "ANALOG" (continuous time)



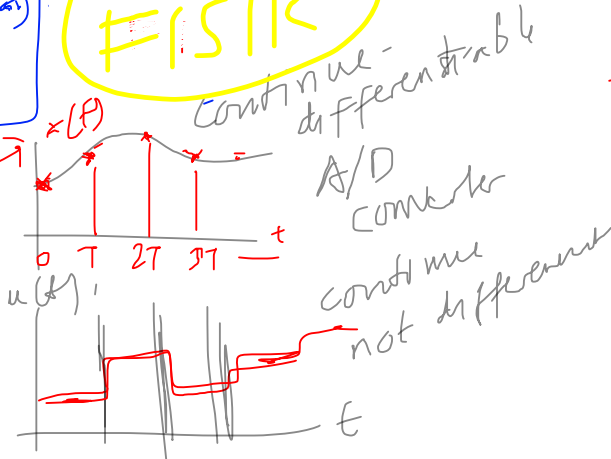
Data K

k	r(k)	u(k)	x(k)
0	r(0)	u(0)	x(0)
1	r(1)	u(1)	x(1)
2	r(2)	u(2)	x(2)



M & C
SCADA
Supervisory Control and Data Acquisition

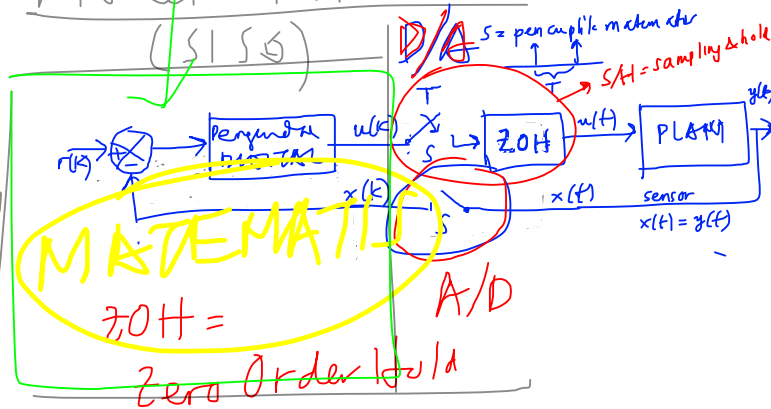
(diagram) [besaran fisik] **FISIK**



[T = periode Cuplik sampling period]

PROGRAM

Model Matematika (SISO)



MATEMATIKA
ZOH = Zero Order Hold
A/D

