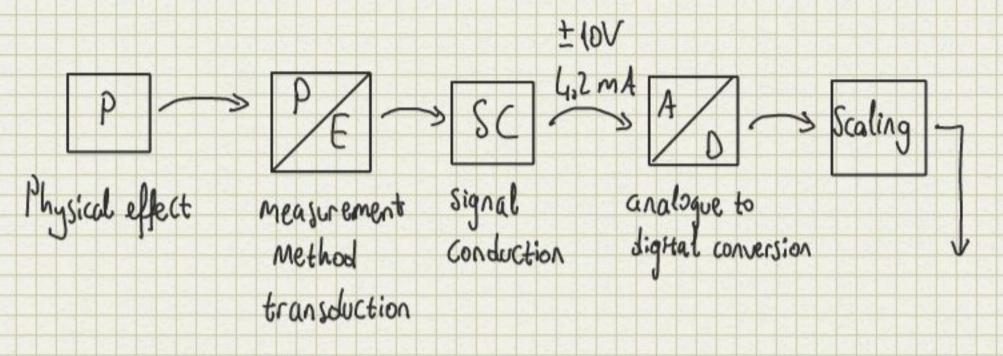
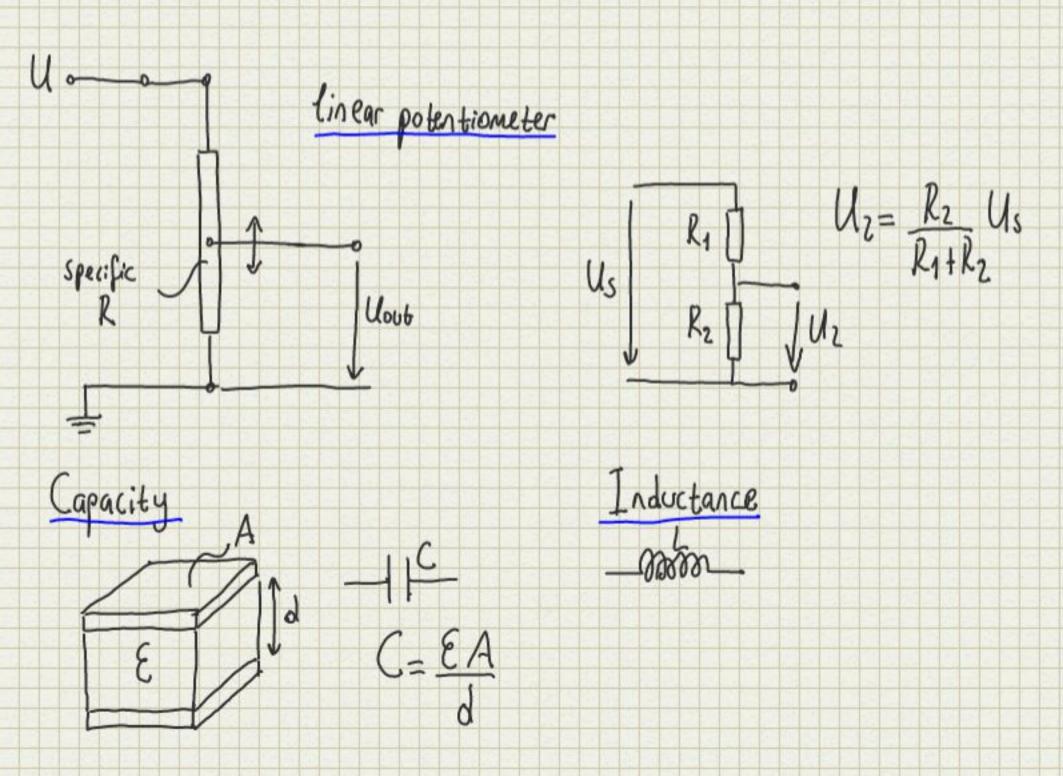
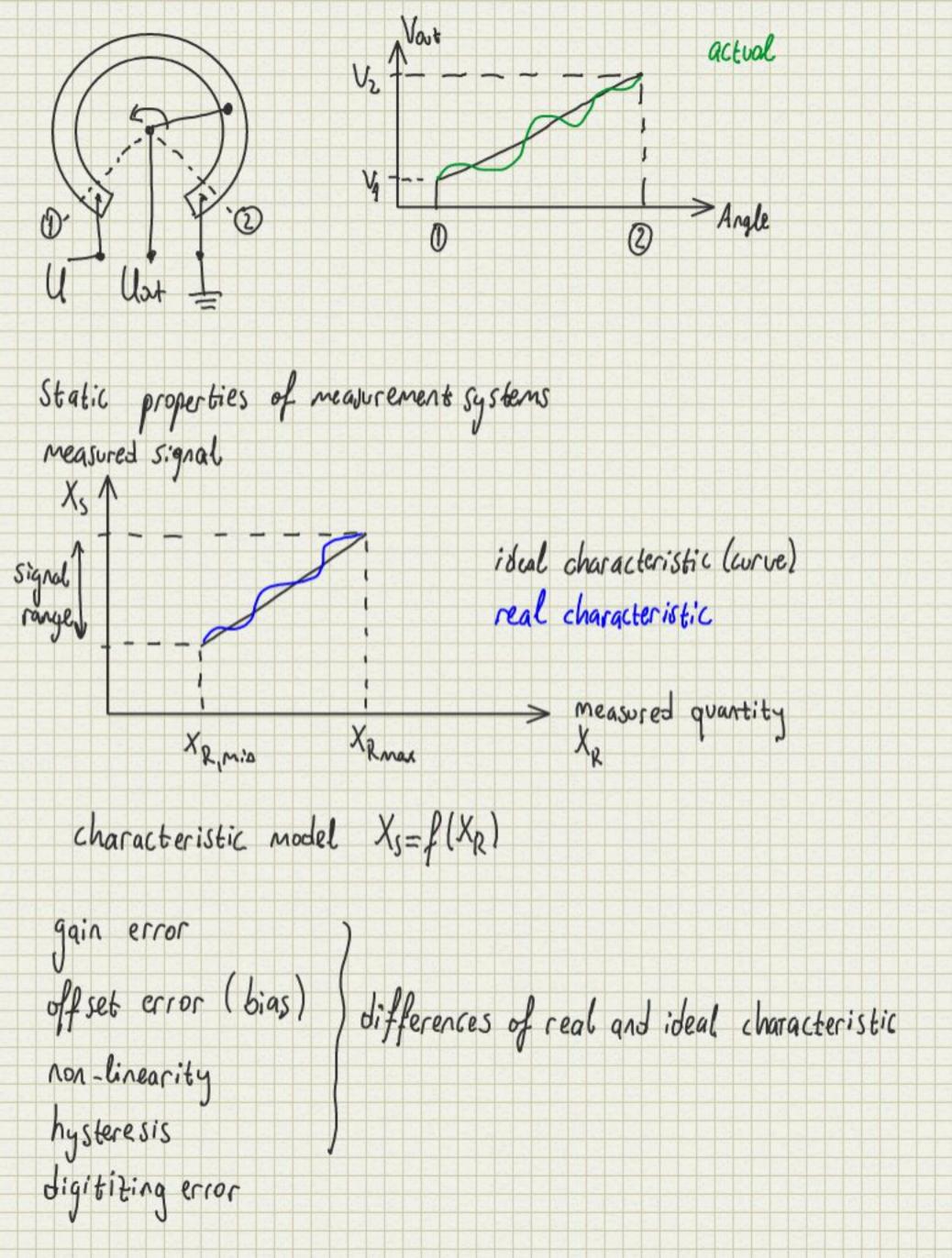
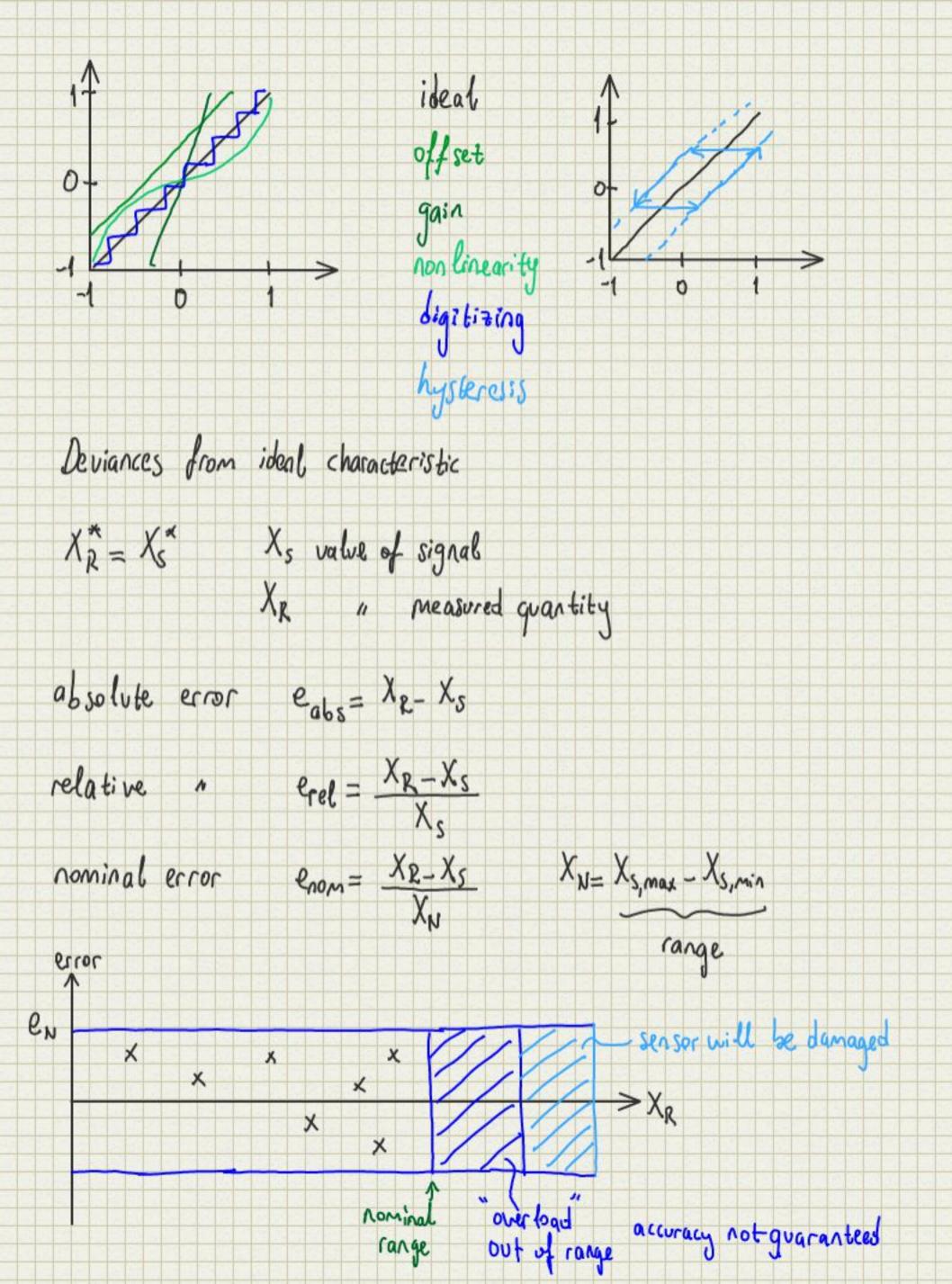
Analogue Data Acquisation



physical effects: changes in resistance, capacity or inductance







A measurement douice is defective, when nominal error exceeds specified error range anywhere within measurement range

Calibration of Measurement Devices

1. Acquire a calibration normal

ex. known mass (19, 1kg, -)

2. Calibration Measurement

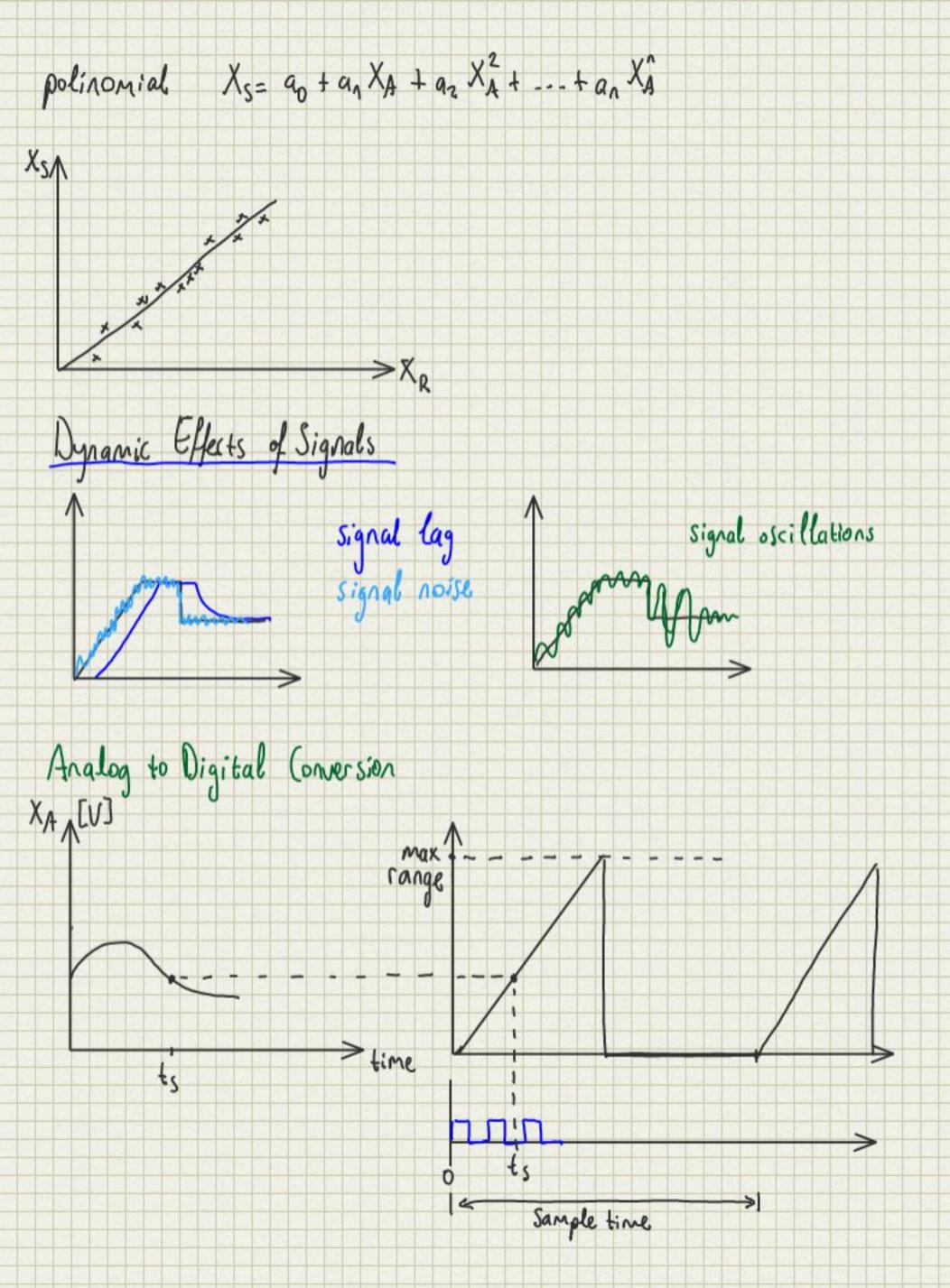
(A)	#	1 XR	X _A
	. 1	01	0,10
× x	2	10 N	0,30
*	3	ZON	0,30
× × ×	^	×Ν	
	$\rightarrow X_{\mathbb{R}}$		

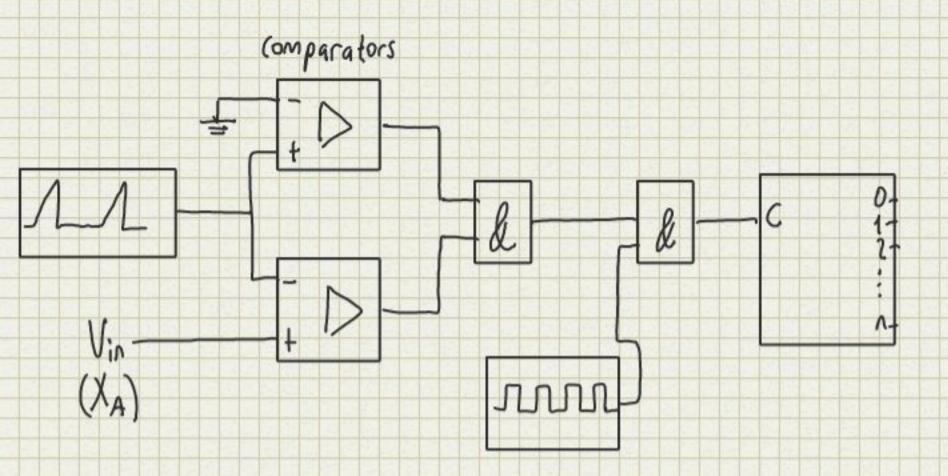
3. Madeling of Static behaviour

find suitable mathematic function to describe behaviour

$$X_{S=} \neq (X_A)$$

lineer example Xs=aXA+b





analog-dijital dönüşüm belirli bir zaman alır. Görülen değer olanki değil belirli bir süre önceki değerdir. Bu gecikmeye jitter denir