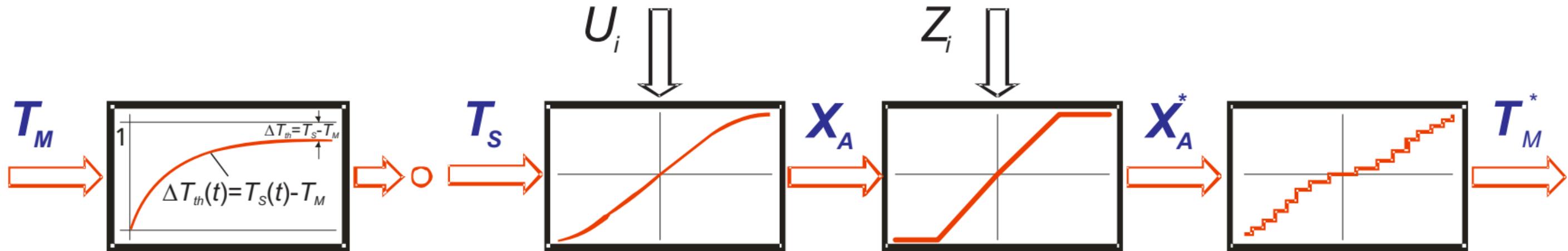


Influence quantities Disturbance variables



Thermal measurement errors resulting from

- the coupling of the sensor with the medium
 $\Delta T_{th}(t)$ - dynamic measurement error
- the coupling with environment
 ΔT_{th} - static measurement error

Sensing element
(primary transformer)

Secondary transformer

Digitalization/
linearization