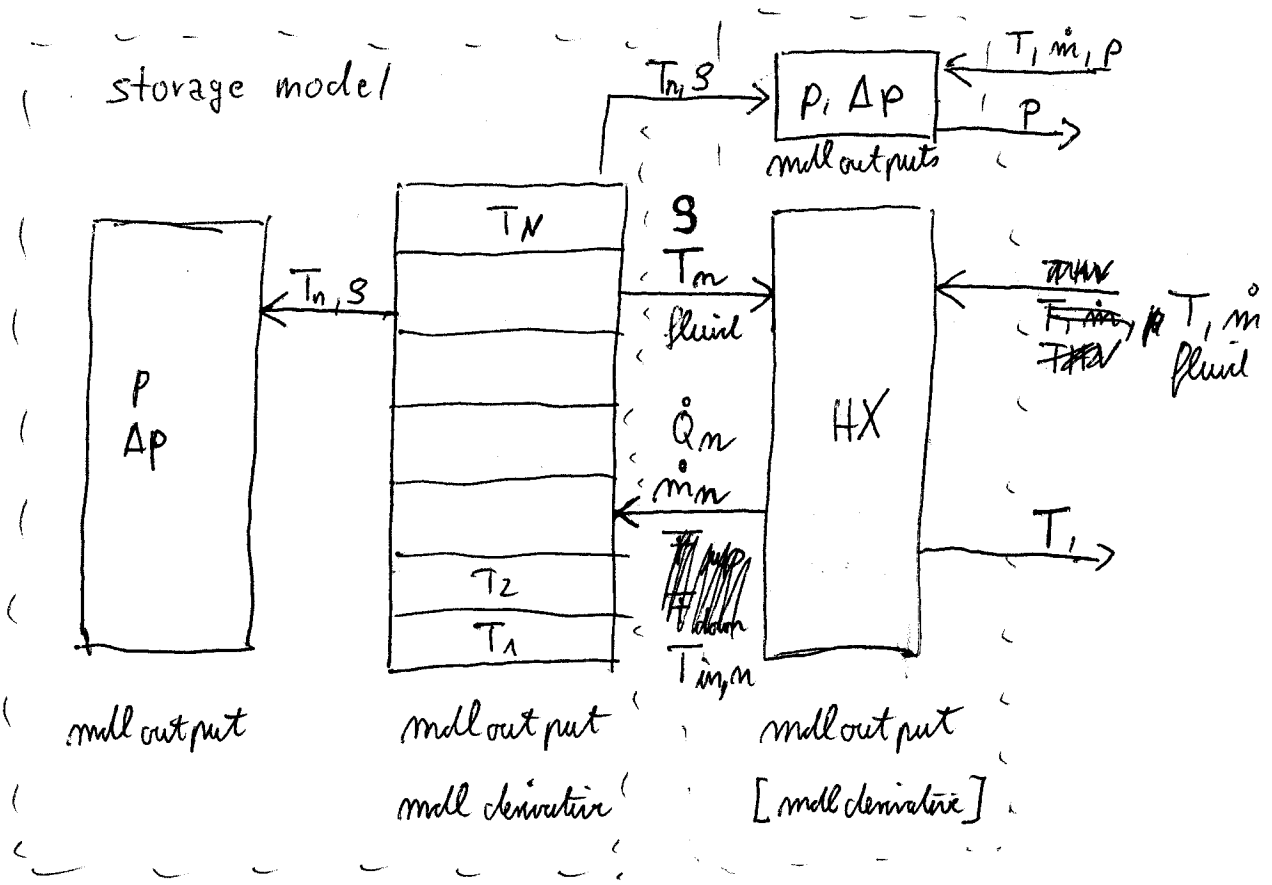
storage model
T_n, s
p, Δp
p
mdl outputs
$T_1, \dot{m}, p$
T_N
T_n, s
s
T_n
fluid
$\dot{Q}_n$
$\dot{m}_n$
T_2
T_1
$T_{in,n}$
HX
$T_1, \dot{m}$
fluid
T_1
p
Δp
mdl output
mdl output
mdl derivative
mdl output
[mdl derivative]

WILO

inversed Thermocline

$$m_n c_p \dot{T}_n = \dots + (\vartheta_{n+1} - \vartheta_n) \cdot c_1 + (\vartheta_{n-1} - \vartheta_n) \cdot c_1$$

$$c_1 = [0 \dots 100] = f(\text{fluid}, T)$$

limit c_1 in function of $\dot{T}$??