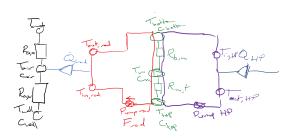
notes grand model



Tanh: given as piece vise constant function, in internal [ti, tin] Tans = Tayi

Tair: Cair thin = - Pap (Tair-Tab) - 1 Raw (Tair-Tuel) + Quant

Tull: Coult dtul = 1 Raw (Tair - Tul)

Quel: radiator o quation: Quel = Cras: (In (Timed - Tout, and) are known we have 2 ex. with 2 unknown, Quel and Tout, and

Orad = Frat Cush: (Timel - Toutrook) guestion: when do you solve this system?

Do you need to solve this within the time internal [t; tim)?

Tradin = Itan

Tradeut should follow from equations above

Teop: Cherate = -1 (Teop - Tm) + Fip Cooder (Tentiff Eq.) + max (Food = Fip) O) Coo (Tu - The)

This contint = 1 (Top-Tu) - Ret (Ton-Tother) + max (Fight - Fight of Color - Tother) + max (Fight - Fight of Color - Tother)

Thotan: Cotton: [The Took of the Took of t

Tin HP = Tollow

Tout, HP: QHP = FHP Co (Touty-Tin HP)

C=P(TinHP, ToutHP, Tissure, Toutsource, ...)

Heat pump function

Also here the question is:

When to Solve this equations?