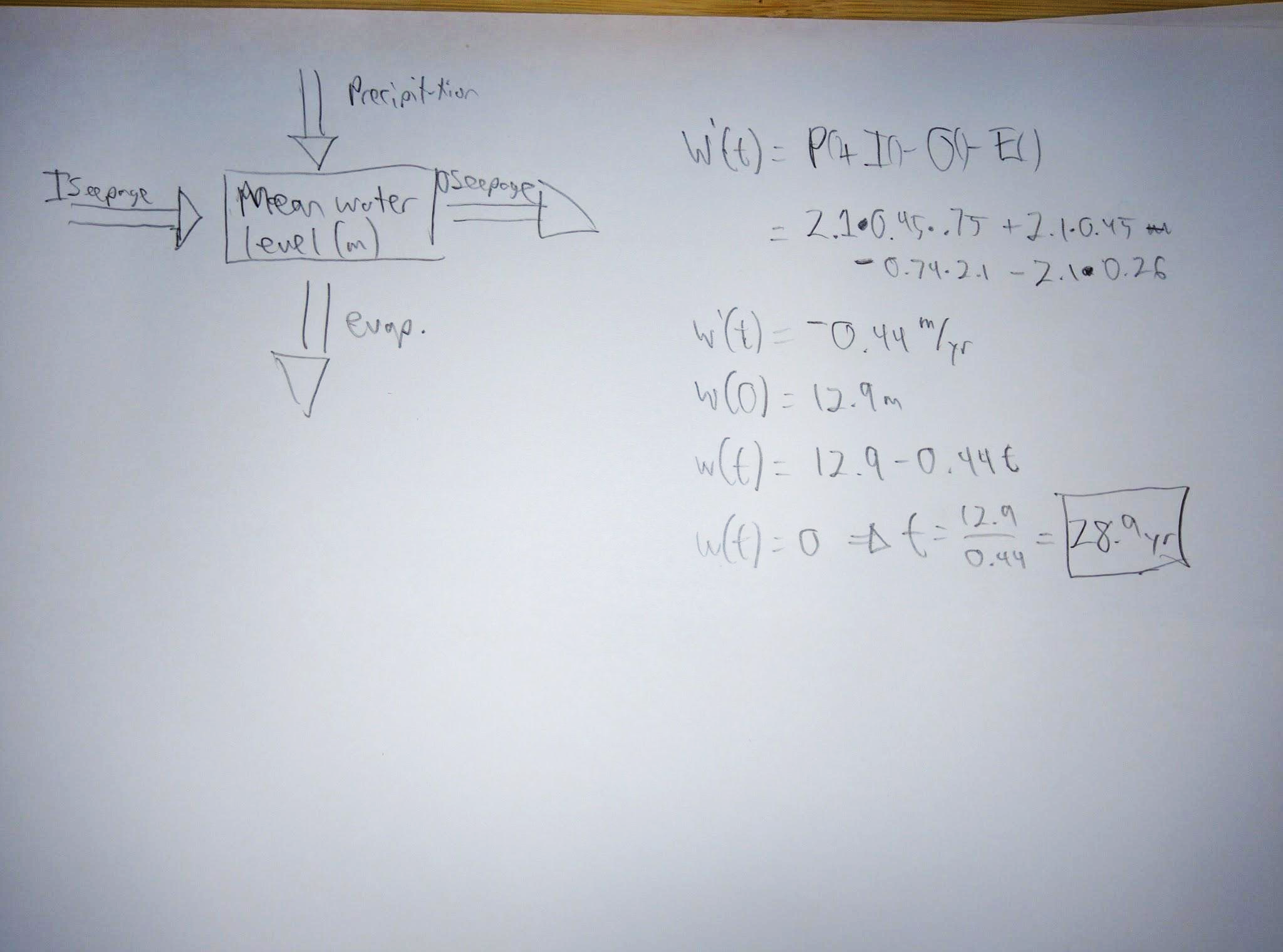
Add Headings (Format > Paragraph styles) and they will appear in your table of contents.

# Concept breakdown: Communications Systems

# Review of ModSim

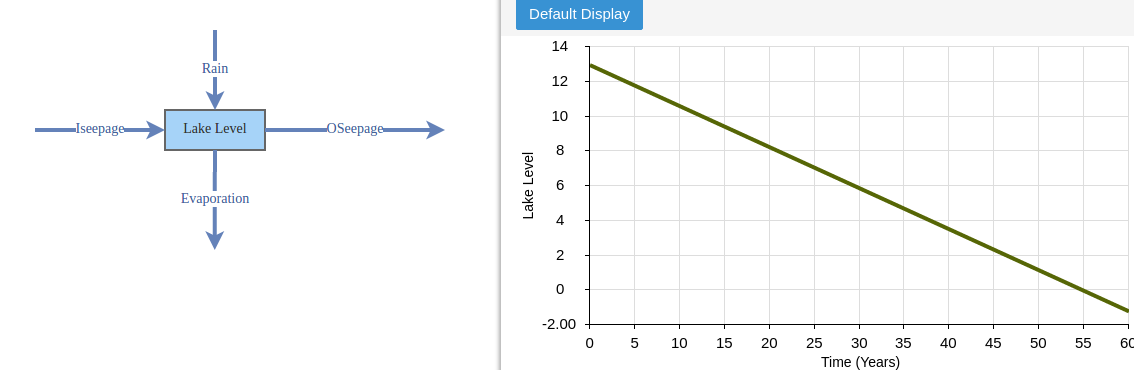
## 1. Walden Pond

I implemented the model analytically because it is simple enough.



Result: 54.6 years.

Also: InsightMaker practice



I object to this model because it assumes no dependence of evaporation on lake level. It produces garbage results (negative levels) after the lake empties, and since the time of emptying is an important moment for the model to work, I’d like it to behave nicer around there. This would be enabled by using a better stock than “lake level in meters”.

## 2. HALO jumps

### Punchline Graph



### 

### First-pass model!!!

Frames

* Start state
* Freefall
* Parachute fall
* Landing

FBDs:

* Freefall
* Chute fall

Eqns:

## Crank a model

a. Assuming SI units, has units of , has units of .

b.