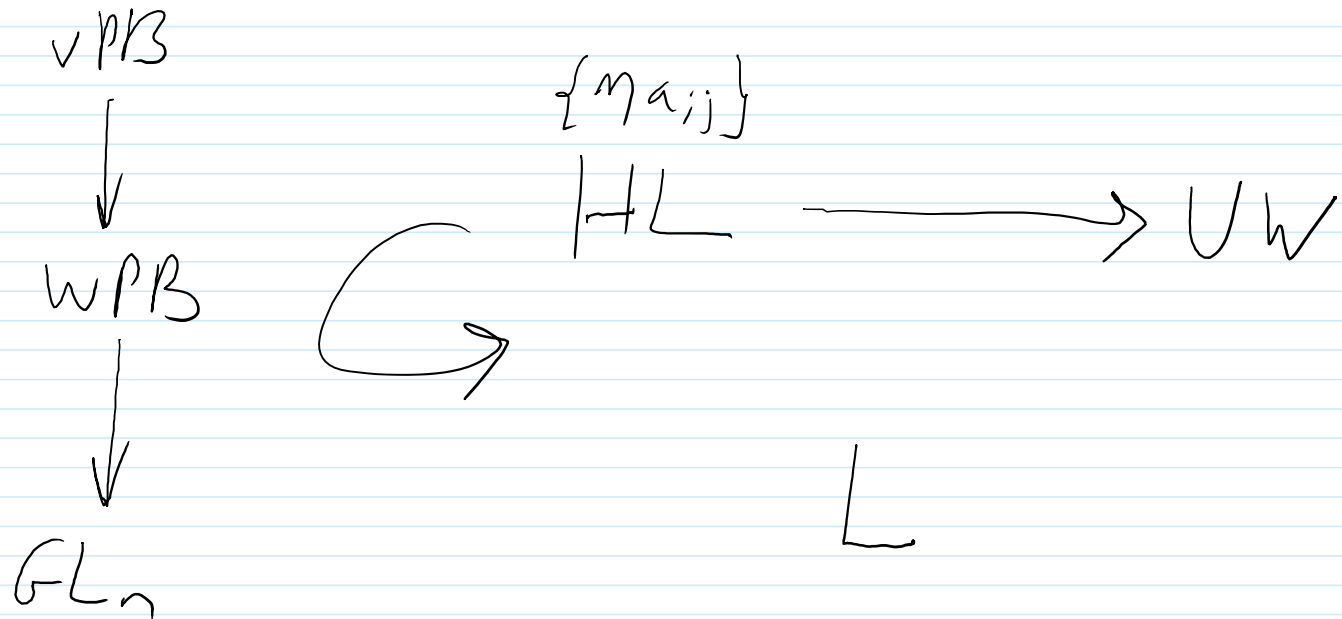


Scratch

June 12, 2016 10:30 AM



$$\frac{F_1}{t_2} - F_1 = \frac{F_2}{t_1} - F_2$$

$$(t_2^{-1} - 1)F_1 = (t_1^{-1} - 1)F_2$$

$$\frac{F_1}{(t_1^{-1} - 1)} = \frac{F_2}{(t_2^{-1} - 1)} \Rightarrow F_i = t_i^{-1} - 1$$