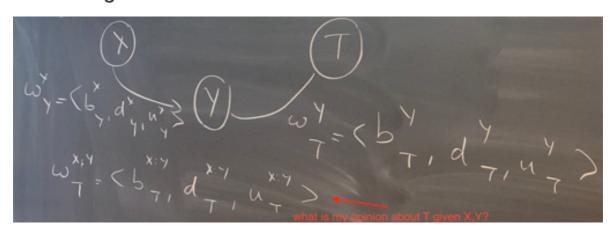
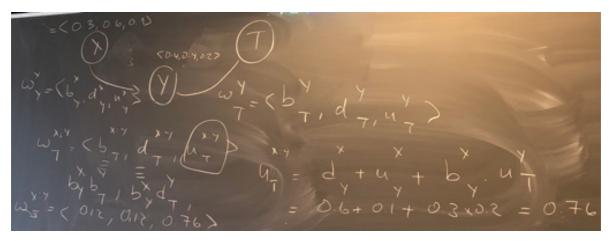
## **L7 Trust continues**

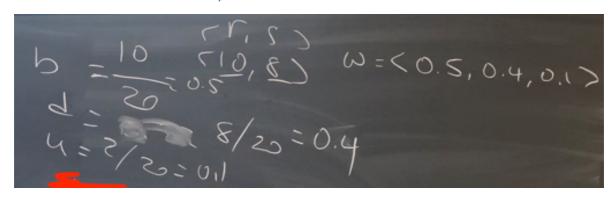
## **Calculating belief**



Example with X b=0.3, d=0.6, u=0.1 Y b=0.4, d=0.4, u=0.2

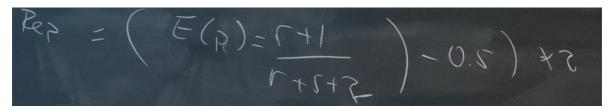


Individual belief values via r;s

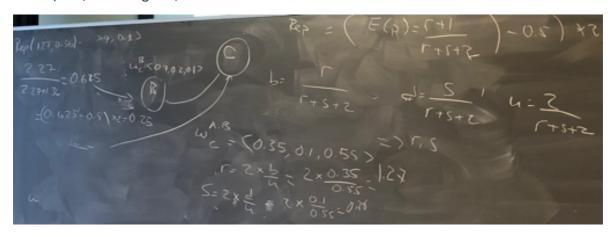


What is the reputation of T?
\_first, you look for agents with beliefs about T
\_secondly, merge the beliefs

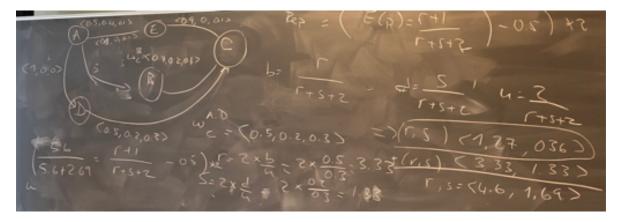
\_third, you find r;s:



Example (C through B):



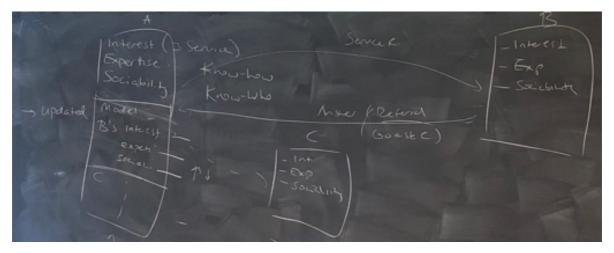
Example (C through D (in addition to the last r,s from above - I have gained more experience which can just be added to the previous)):



## **Referral Systems**

Model

(the main idea - agent can evaluate an answer to the service request)



Example (explained in class how the agent 2 decides on giving the answer. Y for straight answer, N for referral based on its own model; the model on agent 2 will be update about the referred agent):

