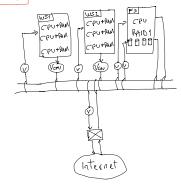
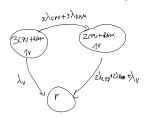
## EXT



## Reliability

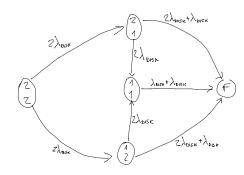
SUBSYSTEM 1: WS1=WSZ : (CPU+NAM) + VOTER-CPU



$$\begin{split} & P_{3,i}^{\prime} = \frac{1}{2} \lambda_{CRi}^{3} + \lambda_{RRi} P_{3,i}^{2} - \lambda_{V} P_{3,i}^{2} \\ & P_{2,i}^{1} = \left( s \lambda_{CRi}^{3} + \lambda_{RRi} \right) P_{3,i}^{2} - \left[ 2 \lambda_{CRi}^{3} + \lambda_{Rin}^{3} + \lambda_{V} \right) P_{2,i}^{2} \\ & P_{F}^{\prime} = \lambda_{V} P_{3,i}^{2} + \left( 2 \lambda_{CRi}^{3} + \lambda_{Rin}^{3} + \lambda_{V} \right) P_{2,i}^{2} \\ & P_{3,i}^{2} + P_{1,i}^{2} + P_{F}^{2} = 1 \\ & P_{3,i}^{2} (s) \ge 1 \end{split}$$

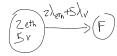
R SUB1 (t) = 1- Pr(t)

SUBSYSTEM 2: PAID



SUBSYSTEM 3: ETH+VOT

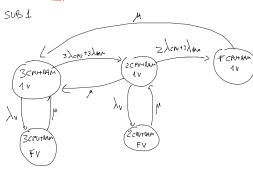
SUBS: ROUTER



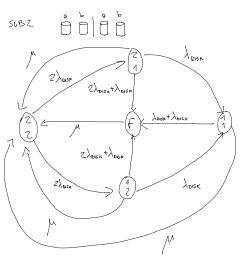


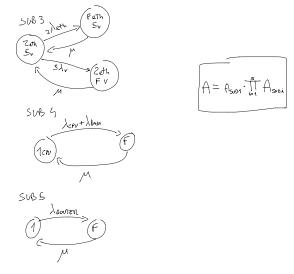
SUBG: CPU-FS

## Availability



$$\begin{cases} \begin{cases} \theta_{34}^1 = 0 \\ \theta_{7,4}^2 = 0 \\ \theta_{14}^2 = 0 \end{cases} & \Rightarrow \begin{cases} \theta_{34}^1 = \frac{1}{2} - \left( \theta_{11}^1 + \theta_{11}^1 + \theta_{12}^1 + \theta_{12}$$





## Safety

