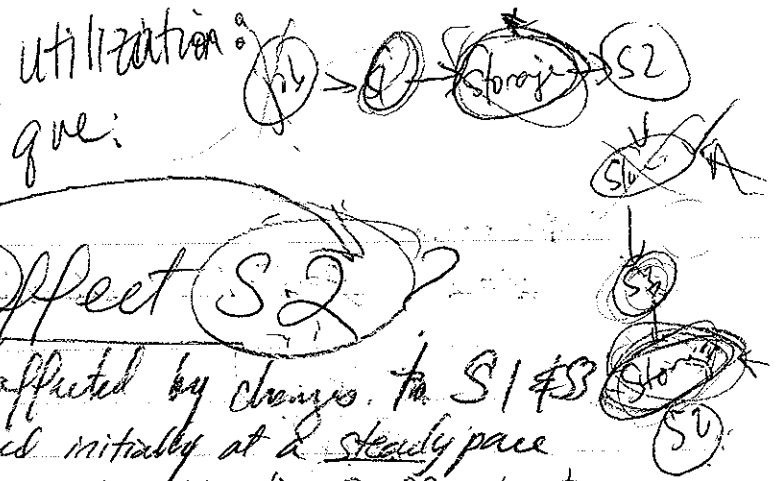


Station 1
 102 → 2
 200 → #3
 217 → 2



How did S1 & S3 affect S2?

- S2 is special b/c it is affected by changes to S1 & S3
- history: S2 utilization increased initially at a steady pace as S1 finishes their job. @ day 50, utilization @ S2 almost doubled as ~~the~~ S3 utilization ~~was~~ ↑ & S2 had to process jobs from both S1 & S2. From day 50-190, utilization on S1 & S3 were constant @ 100% and 1 machine. S2 utilization was able to handle them, so utilization was constant. S2 utilization ↑ from ~3 p.p.b. on ~190-210 as response to more machine @ S1 & S3. S2 utilization gradually decreased

What happened with the que & why?

- almost zero b/c if utilization was below 100% ^{at less than 100% utilization} S1 & S3 ~~was~~ ^{completed its queue} as
- @ 210 queue ↑ in response to ~~more~~ ^{alot} S3 getting more machines to complete its que, thus sending ~~S3 completed work~~ ^{an influx of} S3 product to S2 queue.

Why buy machine @ ~180?

in response to more machines on S3 & S1:
 more machine for S1 & S3 ⇒ more work for S2 ⇒ more machines

⊕ examples from charts

Why ~~buy~~ ^{sell} @ ~215

Sold shortly after S3 que was completed, so less machine is needed @ S2 especially after S2 processes the influx of S3 production.