Least Caricity First

Dynamic. Check laxiving rather than deadline

te (td-tr It (axalisy is negative,

the tendent of the deadline is already missed

to the tendent of the deadline is already missed

to the tendent of the deadline is already missed

Laxicity time: Time left untill deadline from end of exacution
Task with shortest laxicity time cons first

Appriodic Lask: To serve A.S.A.P.

You have periodic tusks happens regulary with any algorithm. And aperiodic tasks comes to play:)

Approaches

Highest prior to aperiodic tasks.

Not a good solution => périodic tasks might miss deadline

/ Utilisation of IOLE times or:

Not Lowest prior (Background)

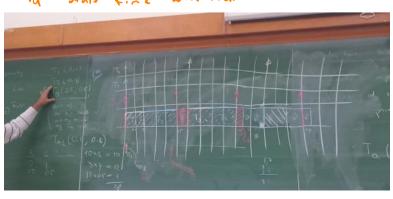
Best but
Par Ars. A.P but ai solution considering tight suchelude



we have

Poller: Ta(P,e)
Think a process (as a black box) that runs aperiodic tasks (in the box)
Assign proceessing time in hyperpariod.
Not sure of aperiodic task exists of the fine of ta instance
If there is no aperiodic task avalible at the time of launch
Ta will left CPV immideally (ignored).

If algorithm is static, aperiodic task that storts after-Ty start fine will not be able to ron.



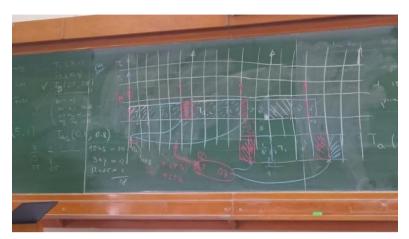
First response time would be shorter if period is smaller even though CPV time is some

 $\frac{0_{75}}{1,25}$, $\frac{0,5}{2,5}$, $\frac{1}{5}$

Gover (more frequent check)



Tu serves apoisodic tasks as FCFS (Queve)



V Servers

Consumption Rule

Repleneshment Rule (To fill up to its nax)

De ferable Sever (Pg. 197)

CR: Consume one unit of resoursces per unit of thre
RR: For every period top the budget up
introduced with sures

On it for ELF



Also check
Simple Specialic Somer 207,718
Sp St sover 217,21)