RCH 307
H-8

$\frac{1}{(1-p)+p/c}$ current coroutine

resume vs suspend ↑ lastresumer

P = prolagen --

V = verlagen ++

(bin) Mutex lock specifically allows owner to mult. acq & only owner can un-acq.

uSemaphore TryP ret true if acquired (never blocks)

Barrier(n) is used to synch the first calls to the same point in time.

uOwnerLock = multi-acquisition mutex lock

uCondLock = ↗ I want in, (if you do, I don't) & loop (if you don't, I crit

Dekker:

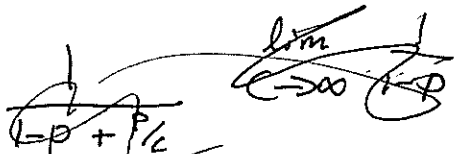
5 things: - safety
- CPU time
- in crit section ⟺ doing critical stuff. only one at a time
no others can prevent.
- starvation
- no indef postponement.

Static Call: Always call the same point to (known @ compile time)

Static Return: return to c'n is not checked @ runtime

Mellor-Crummey & Scott: Ticketing System through linked list

Peterson: While you're queued & I'm not the first (last) to request "in"; "want in" crit() I don't want in"



CAA: CAA(&A, &B, C) ; if A==B A=C ret true
else ret false

Osacquire — Mutex For Streams