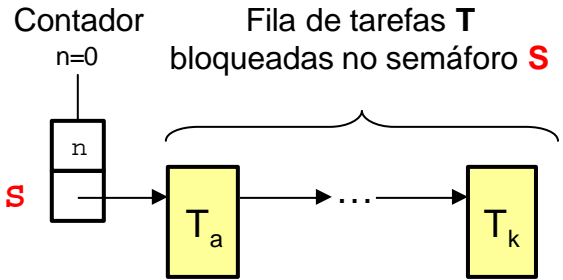


Mecanismos de Sincronização

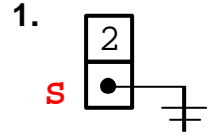
Semáforo

Estrutura de Dados

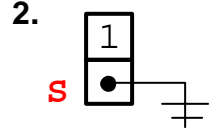
semaforo **S**



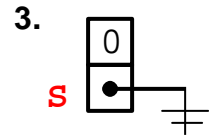
Exemplo



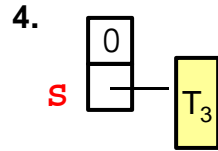
-: semaforo **S** = 2
S é inicializado com 2



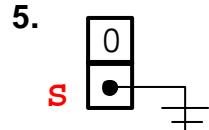
T₁: esperar(**S**)
T₁ passa



T₂: esperar(**S**)
T₁ passa



T₃: esperar(**S**)
T₃ é bloqueada



T₂: assinalar(**S**)
T₃ é desbloqueada