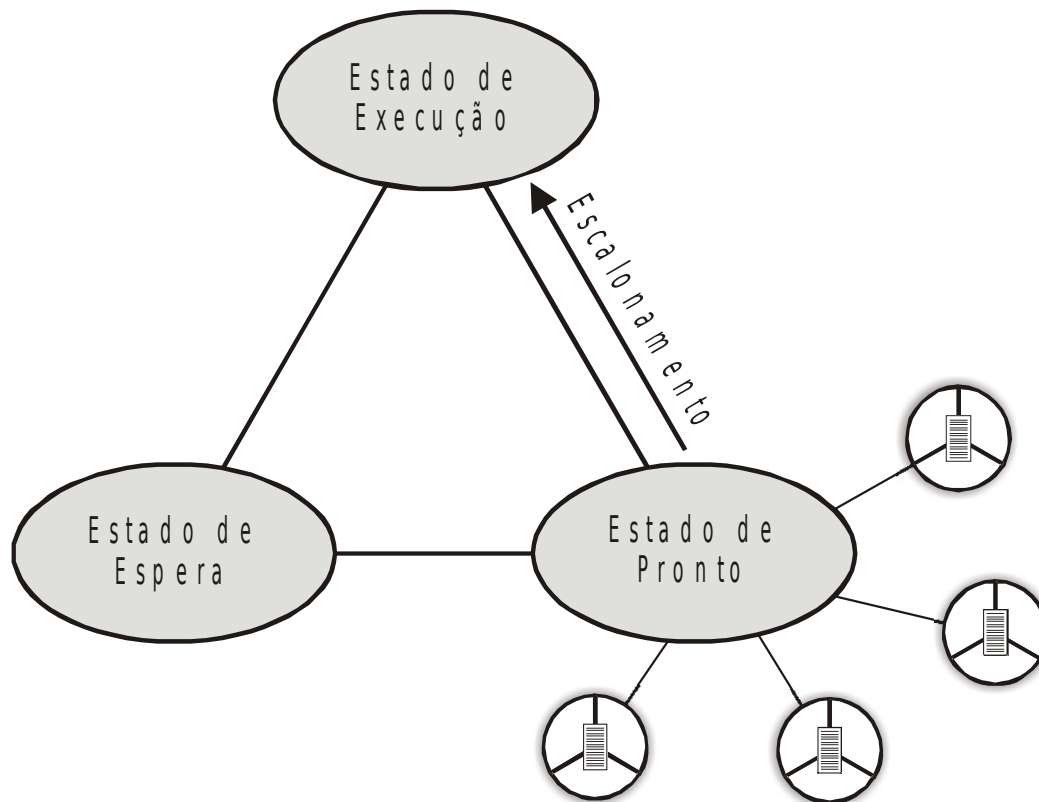


Arquitetura de Sistemas Operacionais

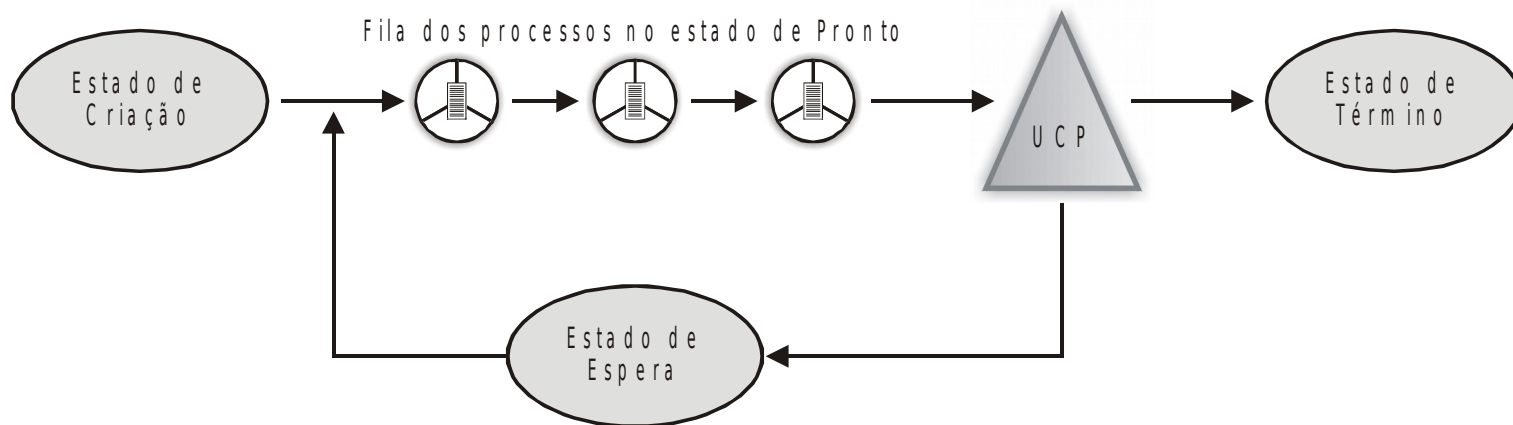
**Francis Berenger Machado
Luiz Paulo Maia**

**Capítulo 8
Gerência do Processador**

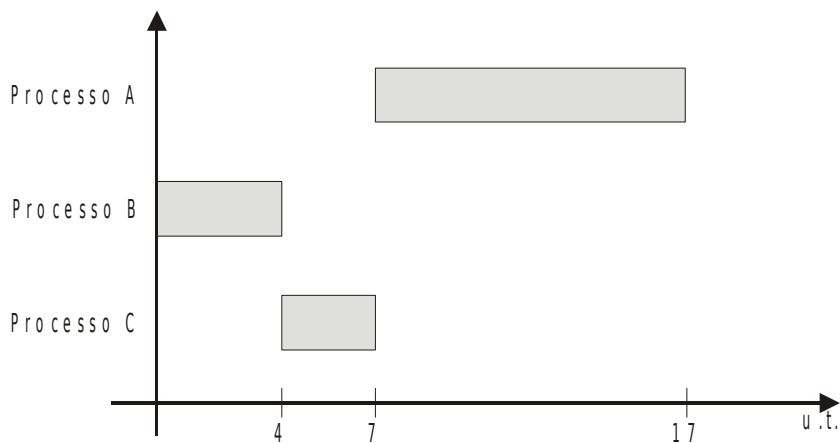
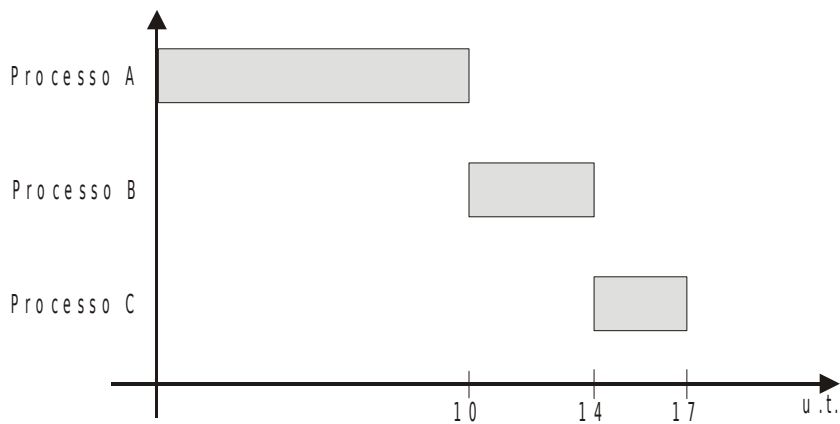
Escalonamento



Escalonamento FIFO

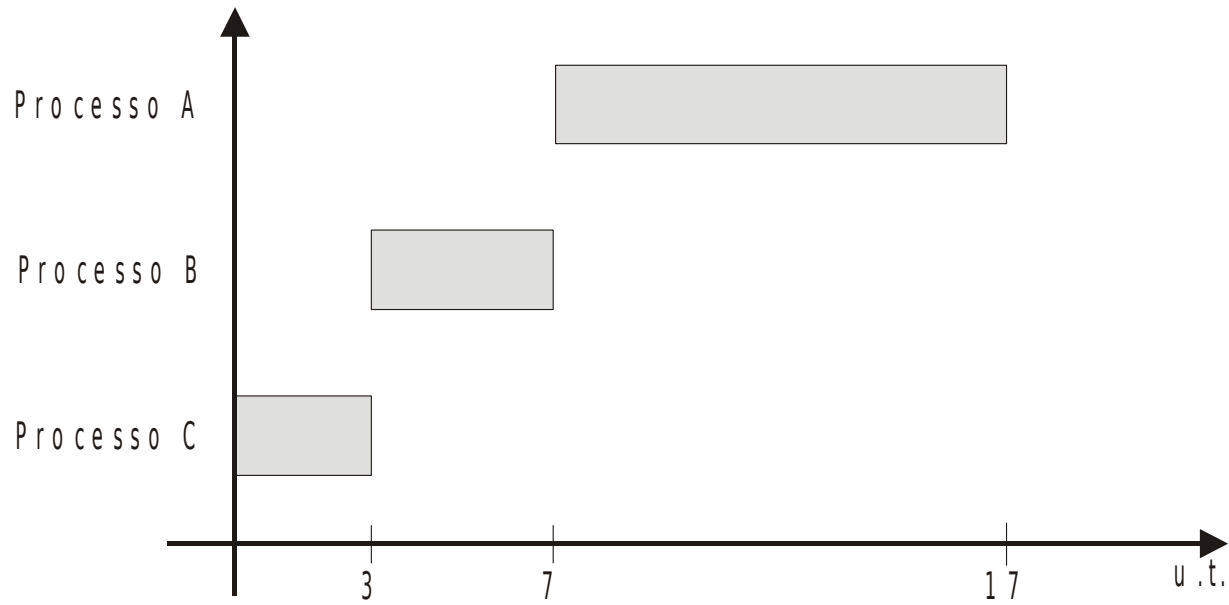


Escalonamento FIFO

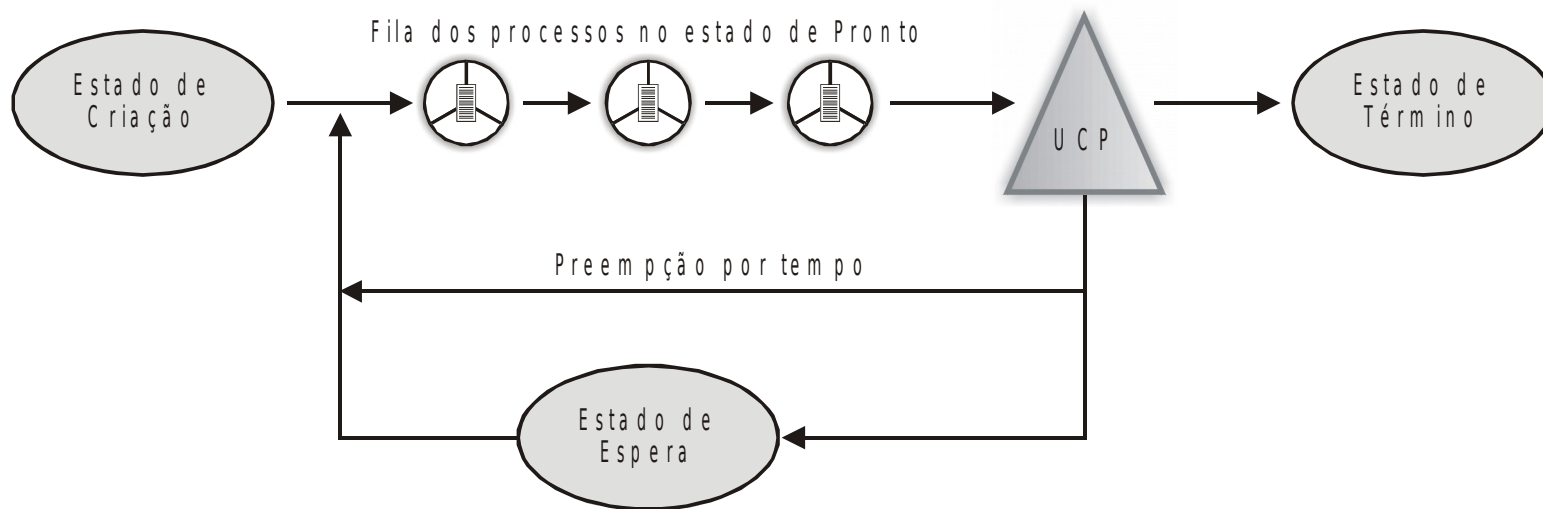


Process	Tempo de processador (u.t.)
A	10
B	4
C	3

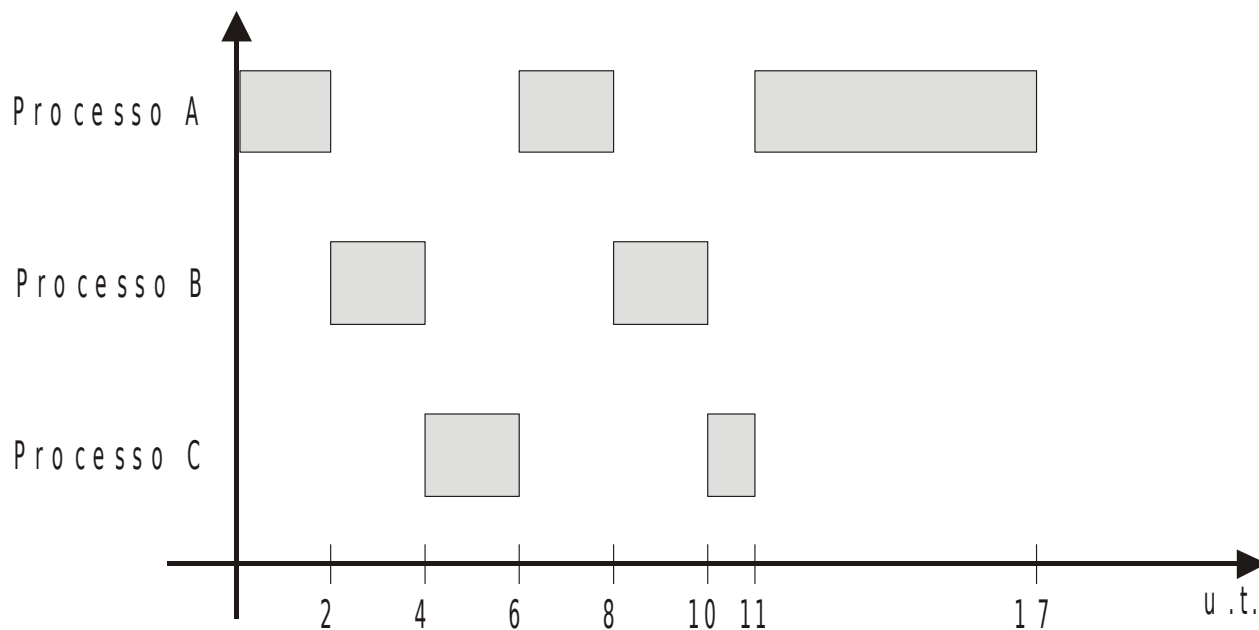
Escalonamento SJF



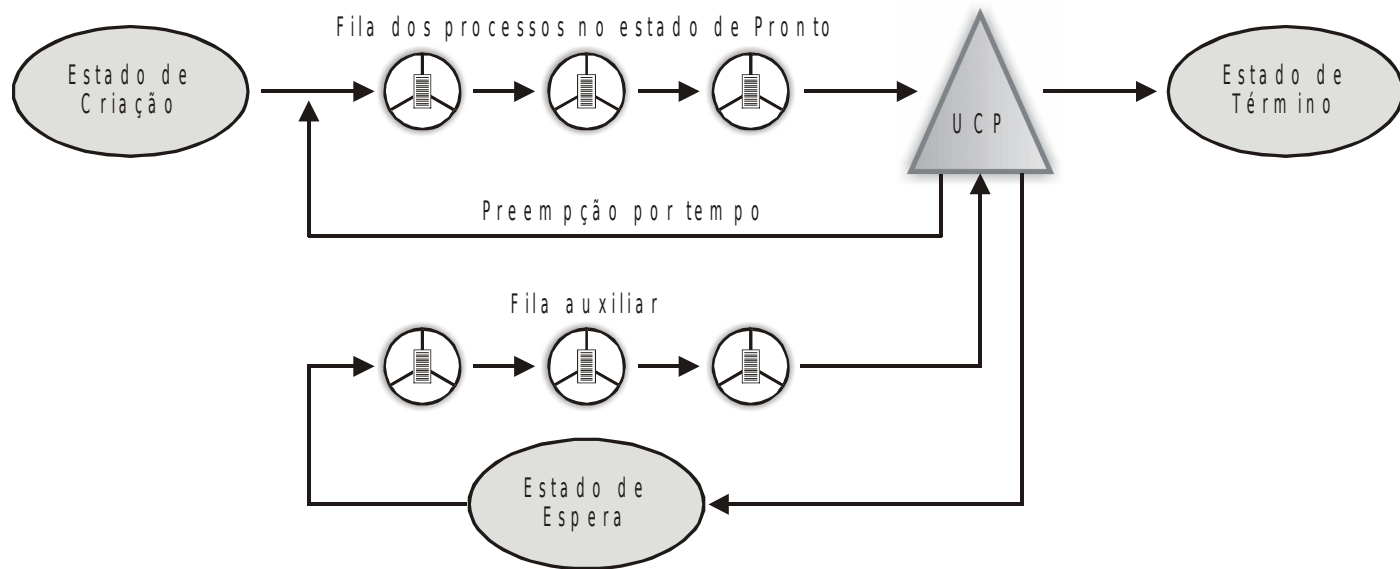
Escalonamento circular



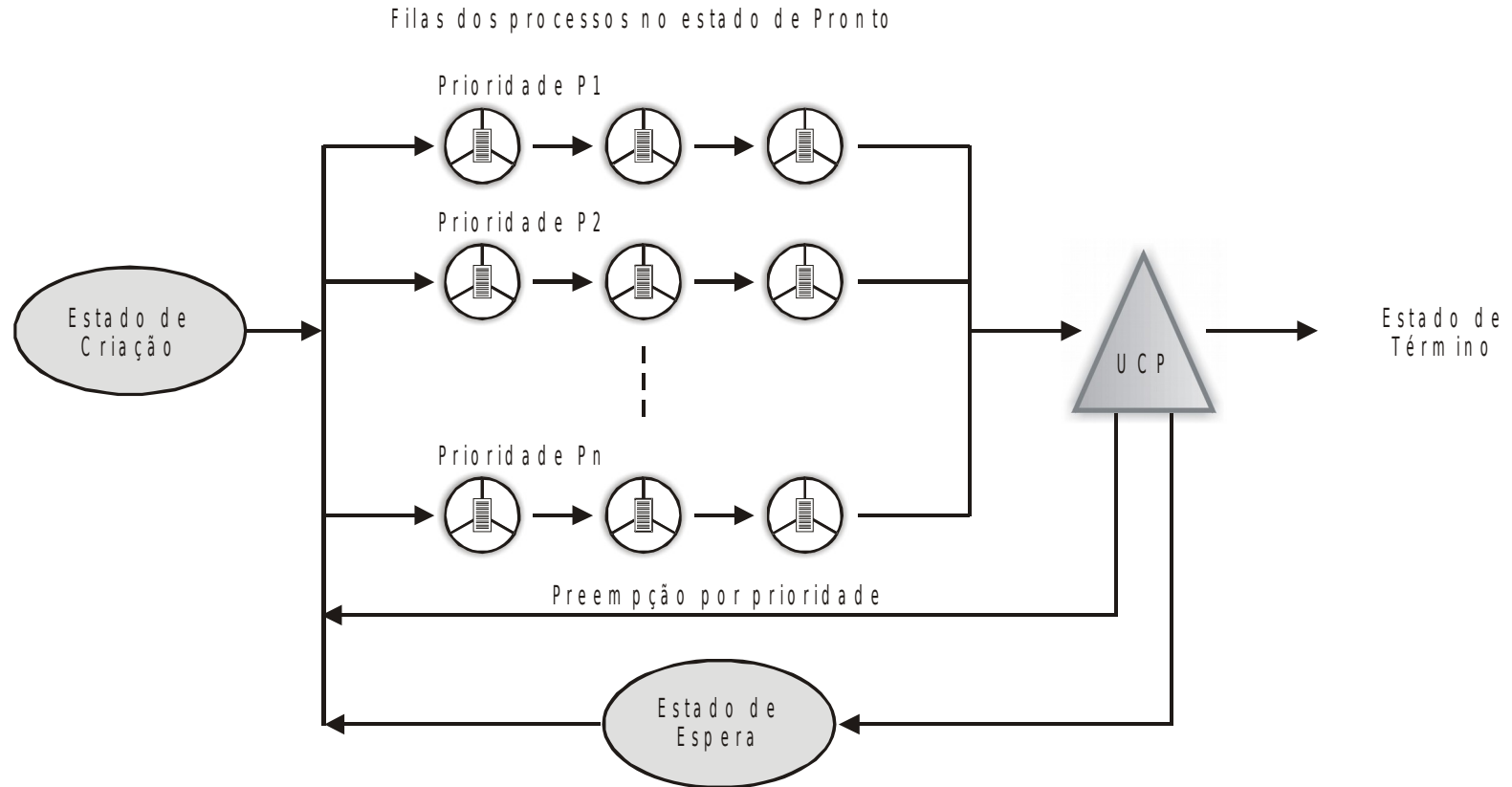
Escalonamento circular



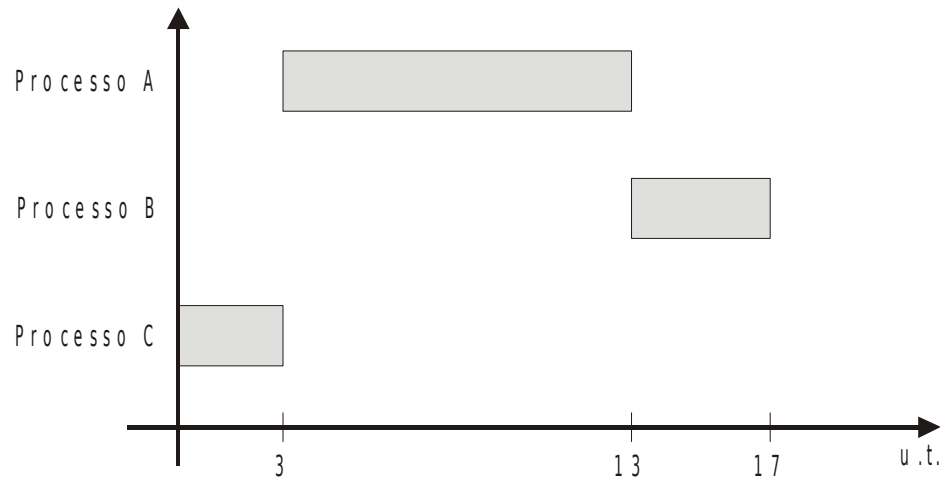
Escalonamento circular virtual



Escalonamento por prioridades

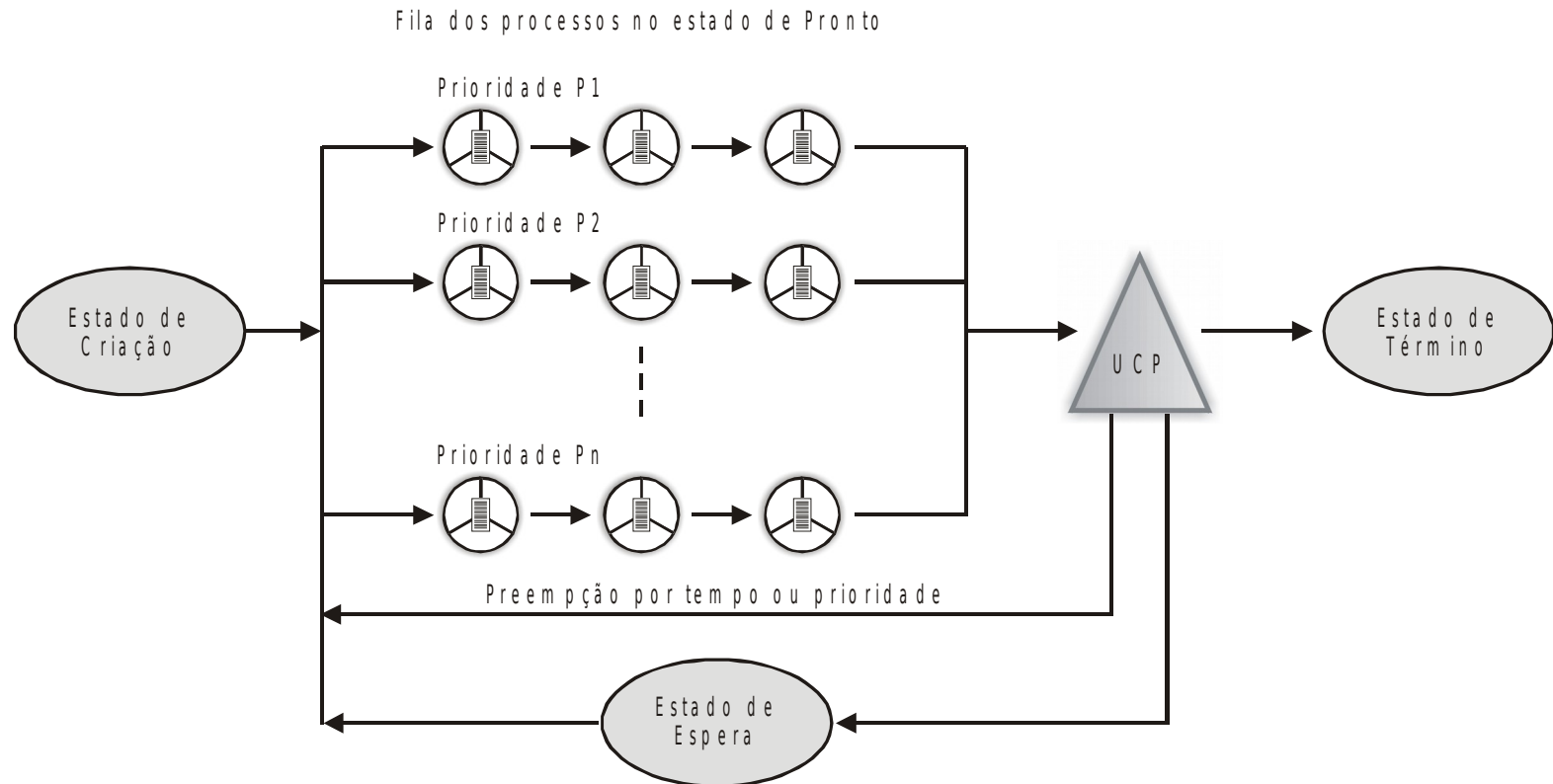


Escalonamento por prioridades

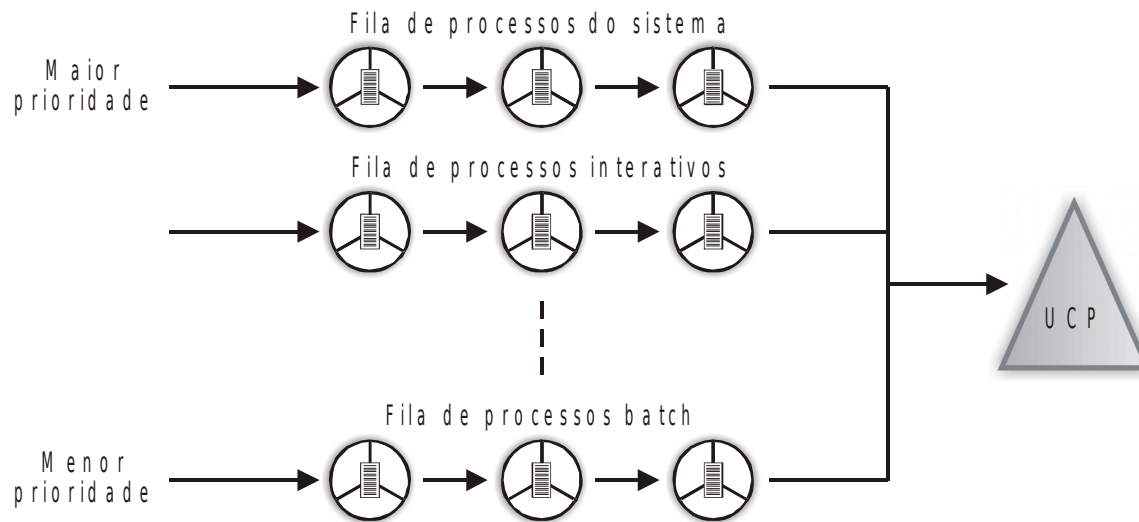


Process	Tempo de processador (u.t.)	Prioridade
A	10	2
B	4	1
C	3	3

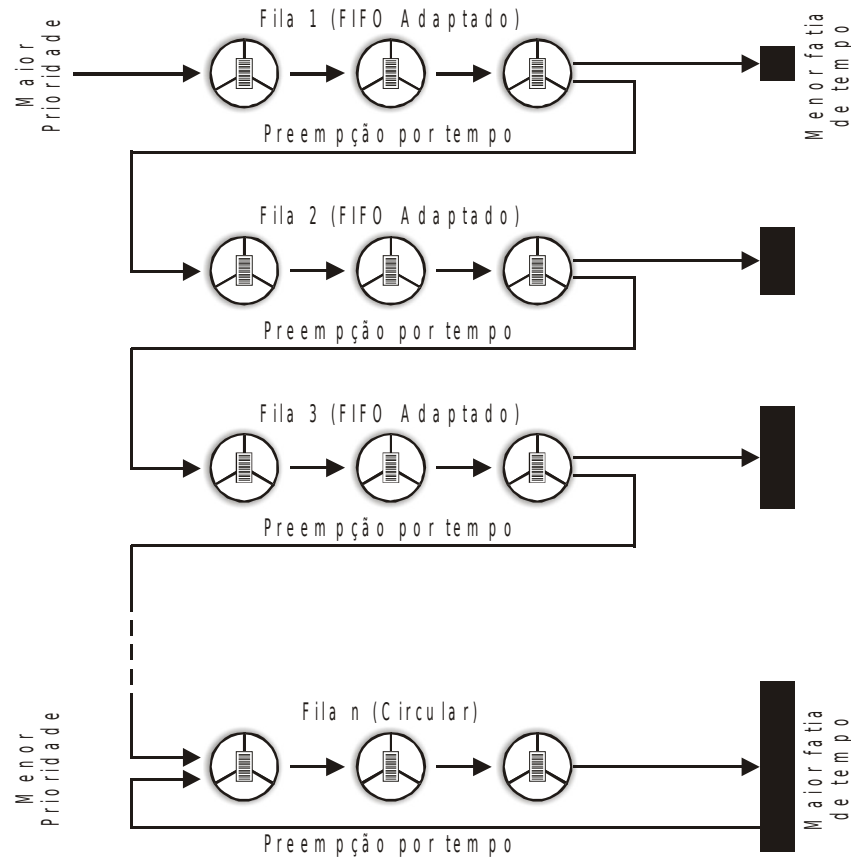
Escalonamento circular com prioridades



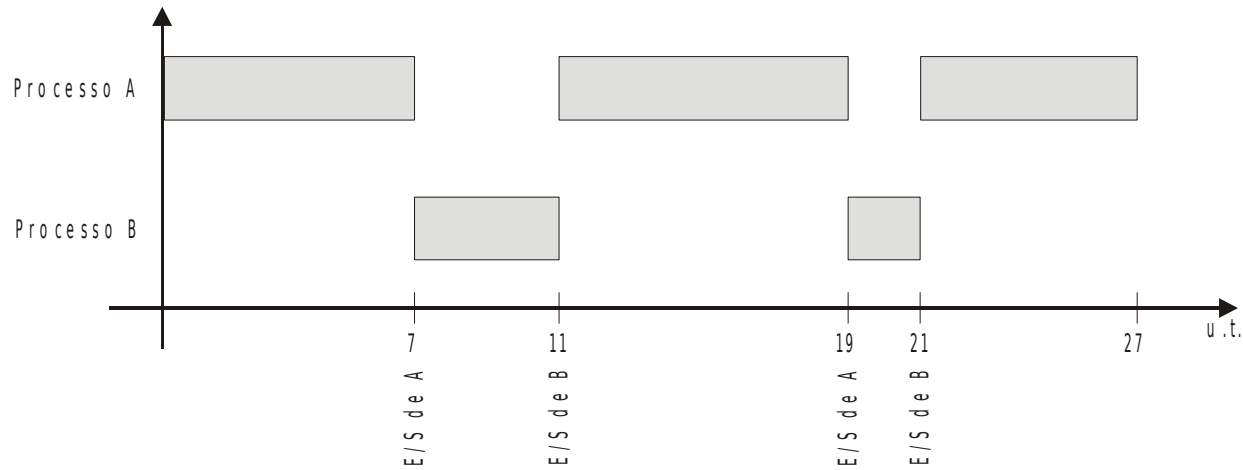
Escalonamento por múltiplas filas



Escalonamento por múltiplas filas com realimentação

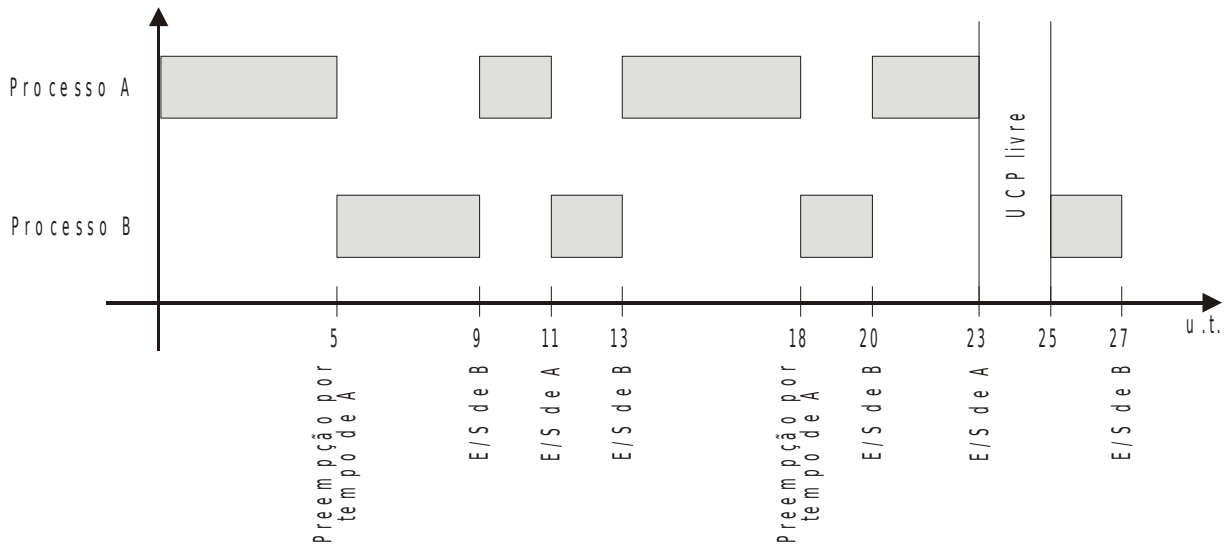


Escalonamento FIFO (exemplo)



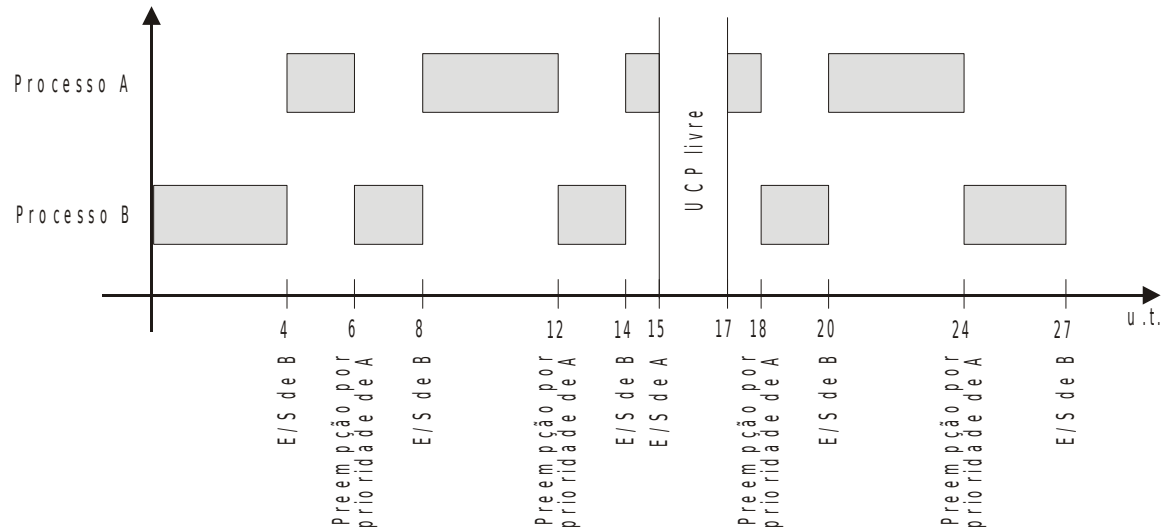
Processo	Tempo de processador (u.t.)	Característica
A	21	CPU-bound
B	6	I/O-bound

Escalonamento circular (exemplo)



Processo	Tempo de processador (u.t.)	Característica
A	15	CPU-bound
B	10	I/O-bound

Escalonamento circular com prioridades (exemplo)



Processo	Tempo de processador (u.t.)	Característica	Prioridade
A	12	CPU-bound	Baixa
B	13	I/O-bound	Alta